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AVE-SESAME II: 25-MB SOUNDING DATA

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Marshall Space Flight Center, Alabama*

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| 16. ABSTRACT This report describes the rawinsonde sounding program for the AVE-SESAME II experiment and presents tabulated data at 25-mb intervals from the surface to 25 mb for the 23 National Weather Service and 19 special stations participating in the experiment. Soundings were taken at 3-hr intervals beginning at 1200 GMT on April 19, 1979, and ending at 1200 GMT on April 20, 1979 (nine sounding times). The method of processing is discussed briefly, estimates of the rms errors in the data presented, an example of contact data given, reasons given for the termination of soundings below 100 mb, and soundings listed which exhibit abnormal characteristics. | | | |
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AVE-SESAME II: 25-MB SOUNDING DATA

by

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1. Introduction

To date, NASA has conducted seven Atmospheric Variability Experiments (AVE), two Atmospheric Variability and Severe Storms Experiments (AVSSE), and participated in six Atmospheric Variability Experiment - Severe Environmental Storms and Mesoscale Experiments (AVE-SESAME). The dates, observation times, and data reports for each of these experiments for which data have been processed are listed in Table 1. This report contains data and information about the second AVE-SESAME experiment.

The AVE experiments were conducted primarily for the purpose of studying atmospheric variability with emphasis on spatial and temporal changes in atmospheric structure that can be detected from soundings taken at 3-h intervals but not seen in soundings taken at 12-h intervals. The objective of the AVSSE experiments was to study atmospheric structure and variability associated with severe storms combining both rawinsonde and aircraft data to provide information on near-storm environments. From these experiments previous studies have indicated that significant variability and changes in atmospheric structure occur within 12-hr periods, especially near convective systems (Scoggins *et al.*, (1973); Overall and Scoggins, (1975); Wilson and Scoggins, (1976); McCown and

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Table 1. Summary of AVE experiments.

| Experiment | Dates | Observation Times (GMT) | Data Reports |
|---------------|---------------------|---|--|
| AVE I | 19-22 February 1964 | 2/19 - 00, 03, 06, 09, 12, 15, 18, 21 2/20 - 00, 03, 06, 09, 12, 15, 18, 21 2/21 - 00, 03, 06, 09, 12, 15, 18, 21 2/22 - 00, 03, 06, 09, 12, 15, 18, 21 2/23 - 00 | Scoggins and Smith (1973a and b) |
| AVE II | 11-12 May 1974 | 5/11 - 12, 15, 18, 21 5/12 - 00, 03, 06, 09, 12 | Scoggins and Turner (1975) Fuelberg and Turner (1975) |
| AVE III | 6-9 February 1975 | 2/6 - 00, 06, 12, 15, 18, 21 2/7 - 00, 06, 12 | Fuelberg and Turner (1975) Fuelberg et al. (1975) |
| AVE IV | 24-25 April 1975 | 4/24 - 00, 06, 12, 15, 18, 21 4/25 - 00, 06, 12 | Fucik and Turner (1975) |
| AVSSE I | 27-28 April 1975 | 4/27 - 12, 15, 18, 21 4/28 - 00, 03, 12 | Fucik and Turner (1975) |
| AVSSE II | 6-7 May 1975 | 5/6 - 12, 15, 18, 21 5/7 - 00, 03, 12 | Fucik and Turner (1975) |
| AVE V | 11-12 June 1976 | 6/11 - 00, 12, 15, 18, 21 6/12 - 00, 03, 12 | Humbert and Hill (1977) |
| AVE VI | 27-28 May 1977 | 5/27 - 00, 12, 15, 18, 21 5/28 - 00, 03, 12 | Dupuis and Hill (1977) |
| AVE VII | 2-3 May 1978 | 5/2 - 00, 12, 15, 18, 21 5/3 - 00, 03, 12 | Davis et al. (1978) |
| AVE-SESAME I | 10-11 April 1979 | 4/10 - 12, 15, 18, 21 4/11 - 00, 03, 06, 09, 12 | Gerhard et al. (1979) |
| AVE-SESAME II | 19-20 April 1979 | 4/19 - 12, 15, 18, 21 4/20 - 00, 03, 06, 09, 12 | This report |

Scoggins, (1977); Scott and Scoggins, (1977); Wilson (1976); Fuelberg (1977); Read and Scoggins, (1977); Fuelberg and Scoggins, (1978); and Dupuis and Scoggins, (1979)). These analyses have revealed much concerning severe thunderstorms, but knowledge concerning detailed interactions of convective storms and the ambient atmosphere on a mesoscale are incomplete. AVE-SESAME II, the second in a series of experiments conducted during the Spring of 1979, was designed for this purpose as well as fulfilling AVE and AVSSE objectives.

This report is primarily a data document containing rawinsonde data taken at both National Weather Service and special stations during AVE-SESAME II. The data reduction computer program, description of the data processing method, and the error analysis have been presented by Fuelberg (1974). Error estimates from Fuelberg's report are presented in Section IV. A description of the synoptic conditions, observed weather, selected satellite photographs, and summaries of severe and unusual weather events compiled from teletype reports is presented in a separate report entitled, "A Preliminary Look at AVE-SESAME II Conducted on 19-20 April 1979." That report is being printed concurrently with this data report.

2. The AVE-SESAME II Experiment

Twenty-three National Weather Service rawinsonde stations and 19 special rawinsonde stations participated in the AVE-SESAME II experiment. A list of these stations is presented in Table 2, and their locations are shown in Fig. 1. Soundings were taken at nine times: April 19, 1979 at 1200, 1500, 1800, and 2100 GMT, and April 20, 1979 at 0000, 0300, 0600, 0900, and 1200 GMT.

3. Discussion of Basic Data

3.1 Collection of Data. Raw data from each rawinsonde station were collected by the National Severe Storms Laboratory (NSSL), Norman, Oklahoma, and forwarded to the Atmospheric Sciences Division, NASA Marshall Space Flight Center (MSFC), Alabama. These data were forwarded to Texas A&M University where complete soundings were computed using the university's Amdahl 406V/6 computer.

Table 2. Rawinsonde stations participating in AVE-SESAME II experiment.

| Station Number | Location |
|-------------------------|----------------------|
| <u>NWS Stations</u> | |
| 229 (CKL) | Centerville, Al. |
| 232 (BVE) | Boothville, La. |
| 235 (JAN) | Jackson, Ms. |
| 240 (LCH) | Lake Charles, La. |
| 247 (GGG) | Longview, Tx. |
| 255 (VCT) | Victoria, Tx. |
| 260 (SEP) | Stephenville, Tx. |
| 261 (DRT) | Del Rio, Tx. |
| 265 (MAF) | Midland, Tx. |
| 270 (ELP) | El Paso, Tx. |
| 327 (BNA) | Nashville, Tn. |
| 340 (LIT) | Little Rock, Ar. |
| 349 (UMN) | Monett, Mo. |
| 354 (OKC) | Oklahoma City, Ok. |
| 363 (AMA) | Amarillo, Tx. |
| 365 (ABQ) | Albuquerque, Nm. |
| 433 (SLO) | Salem, Il. |
| 451 (DDC) | Dodge City, Ks. |
| 456 (TOP) | Topeka, Ks. |
| 469 (DEN) | Denver, Co. |
| 532 (PIA) | Peoria, Il. |
| 553 (OMA) | Omaha, Ne. |
| 562 (LBF) | North Platte, Ne. |
| <u>Special Stations</u> | |
| 001 (ABI) | Abilene, Tx. |
| 002 (BVO) | Bartlesville, Ok. |
| 003 (COU) | Columbia, Mo. |
| 004 (CDS) | Childress, Tx. |
| 005 (CLL) | College Station, Tx. |
| 006 (CNK) | Concordia, Ks. |
| 007 (DUA) | Durant, Ok. |
| 008 (FSM) | Fort Smith, Ar. |
| 009 (GAG) | Gage, Ok. |
| 010 (GLD) | Goodland, Ks. |
| 011 (ICT) | Wichita, Ks. |
| 012 (JCT) | Junction, Tx. |
| 013 (MLU) | Monroe, La. |
| 014 (MRF) | Marfa, Tx. |
| 015 (MTX) | Morton, Tx. |
| 016 (OTM) | Ottumwa, Ia. |
| 017 (POF) | Poplar Bluff, Mo. |
| 018 (RTN) | Raton, Nm. |
| 019 (UOX) | Oxford, Ms. |

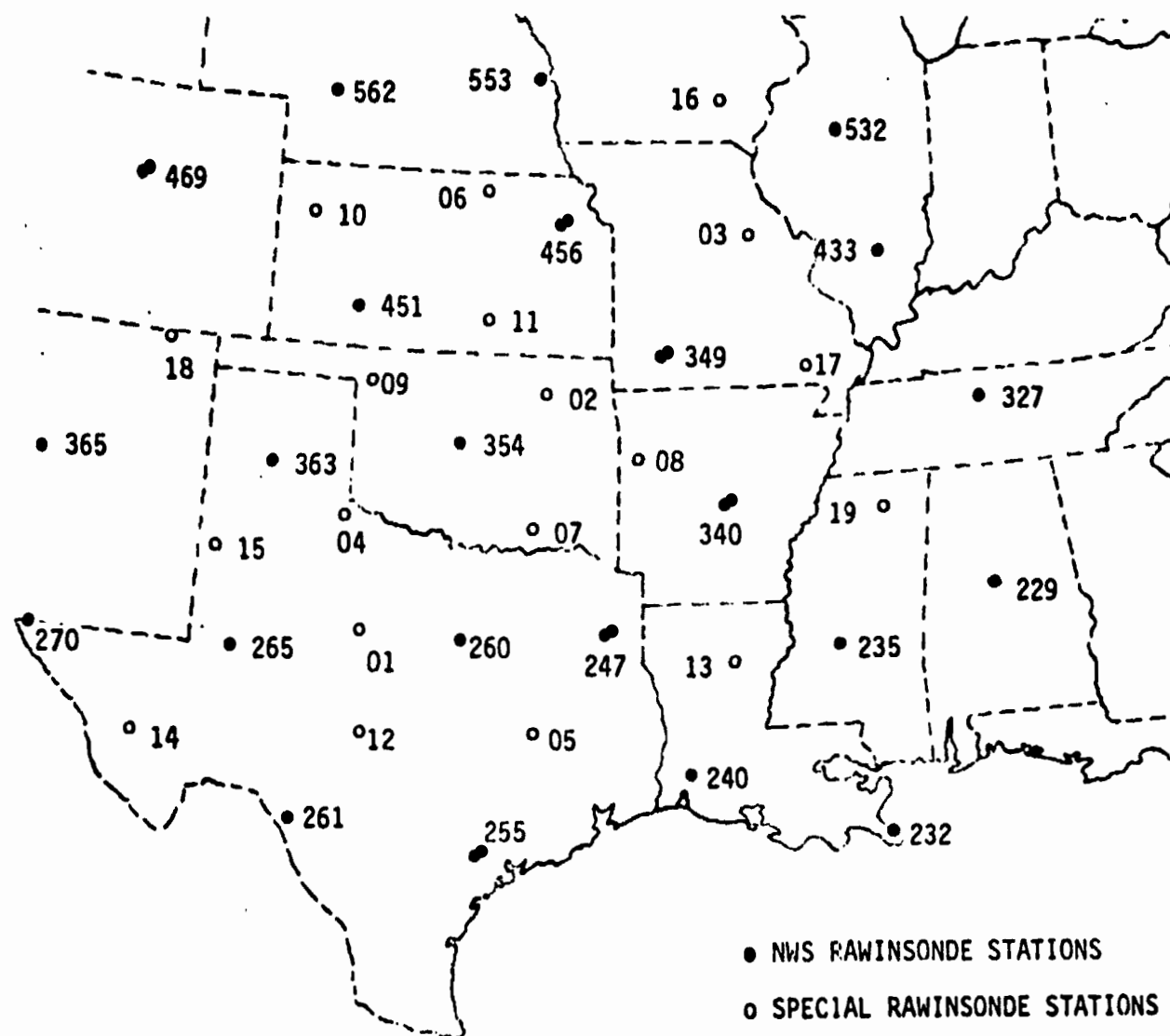


Fig. 1. Location of rawinsonde stations participating in the AVE-SESAME II experiment.

3.2 Methods of Processing. The procedure used to compute soundings is that used on previous AVE's and is described by Fuelberg (1974) and Turner (1975). All keypunched data were checked for errors by calculating centered differences on the input data. Additional checks include first differences of calculated temperatures and dew-point temperatures, plotting of constant pressure charts for 850, 500, and 200 mb for all release times, and time cross sections for each station. Suspected errors were checked with the original strip chart information and appropriate corrections made.

The final data set of the AVE-SESAME II experiment consists of data computed at each pressure contact and at 25-mb intervals. Thermodynamic quantities were computed at each pressure contact, while winds were computed from the available 30- or 60-s interval angle data by means of centered finite differences, and subsequently interpolated to each contact or 25-mb level.

It is important to note three procedures employed in the processing of these data. They are: (1) Humidity values, including dew-point temperatures, are computed at temperatures only above -40°C ; at temperatures below -40°C , humidity values are missing and indicated by a field of nines (i.e., 99.9). Moisture values are computed down to a relative humidity of 1%. If the value falls below 1%, it is set equal to 1% and used in the computation of other moisture variables. (2) Winds based on low elevations are denoted by asterisks (one asterisk denotes angles less than 10° but greater than 6° , while two asterisks denote angles less than 6°). Caution must be exercised in the use of data at low elevation angles since it is subject to rather large RMS errors. (3) Wind direction and speed are determined by interpolating the 25-mb values of the u- and v-components.

4. Discussion of Sounding Data

4.1 Accuracy Estimates. Estimates of the RMS errors in the thermodynamic quantities of the AVE-SESAME II data are the same as those for all AVE experiments and are given by Fuelberg (1974). These estimates are presented in Table 3.

Table 3. Estimates of the RMS errors in thermodynamic quantities of AVE-SESAME II.

| Parameter | Approximate RMS Error |
|-------------------|---|
| Temperature | 0.5°C (Fuelberg's value is 1°C) |
| Pressure | 1.3 mb from surface to 400 mb; 1.1 mb between 400 and 100 mb; 0.7 mb between 100 and 10 mb. |
| Humidity | 10 percent |
| Pressure Altitude | 10 gpm at 500 mb; 20 gpm at 300 mb; 50 gpm at 50 mb. |

The RMS errors for wind speed and direction are difficult to describe since they are a function of tracking geometry and other factors. Maximum RMS errors for winds (speed and direction) computed at 30-s intervals (based on the worst geometric tracking configuration) for 10 and 40 deg elevation angles are presented in Table 4. The accuracy of the wind data at pressure contacts and at 25-mb intervals is greater than that stated for the 30-s winds because of the added smoothing and interpolation performed. In addition, errors cited for the 30-s winds were maxima for the stated conditions.

Table 4. Estimates of RMS errors in AVE-SESAME II wind data.

| Pressure | RMS errors ($m s^{-1}$) in speed | | RMS errors (deg) in direction | |
|----------|------------------------------------|------------|-------------------------------|------------|
| | 10 deg el. | 40 deg el. | 10 deg el. | 40 deg el. |
| 700 | 2.5 | 0.5 | 9.5 | 1.3 |
| 500 | 4.5 | 0.8 | 13.4 | 1.8 |
| 300 | 7.8 | 1.0 | 18.0 | 2.5 |

4.2 Tabulated Data. An example of AVE-SESAME II contact data is given in Table 5, with an explanation of the column headings in Table 6. A listing of those soundings that were missing or terminated before completion is given in Table 7 along with the reason for early termination. In Table 5, the first line of data for the time of 0.0 minutes is surface data. A series of nines is used to indicate missing data. The three numbers in the upper right-hand corner are the number of pressure levels computed, the minimum pressure obtained (mb), and an angle identifier with the value 0 for 30-s angle input and 1 for 1-min angle input. The contact data are available in paper form or on magnetic tape from the Space Sciences Laboratory, Atmospheric Sciences Division (ES84), George C. Marshall Space Flight Center, Alabama 35812. The 25-mb data also are available on magnetic tape from the same source.

The contact data interpolated to 25-mb intervals are presented in Appendix I. The column headings are identical to those used for the contact data and are described in Table 6. The soundings are arranged by station number and appear in ascending order by time for each station. The first line of each sounding is surface data which is followed by data from 1000 to 25 millibars (or to termination) successively. In cases where the surface pressure is less than the given 25-mb pressure value, missing data (nines) are indicated for each quantity. This is also done when the sounding terminated before the 25-mb level was reached.

4.3 Soundings of Questionable Validity

Sounding data collected during the AVE-SESAME II experiment were generally found to be of good quality following processing and rigorous error checking. Nevertheless, some discrepancies were observed in some of the soundings which may have resulted from undetected errors. In each case these discrepancies were observed in computations of geopotential height. A list of these soundings along with an explanation of the questionable data for each sounding are included in Table 8. These soundings interpolated to 25-mb intervals are presented in Appendix II. These soundings should be carefully considered before use. It should be noted that calculations of wind velocity from soundings which contain inaccurate geopotential heights are subject to error (Fuelberg, 1974). All other soundings which contain data of high quality are presented in Appendix I.

Table 5. Example of contact sounding data for AVE-SESAME II.

| STATION NO. 229 CENTERVILLE, ALABAMA | | | | | | | | | | | | | | |
|---|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|------------------|-----------|-------------|
| 19 APRIL 1979 1101 GMT | | | | | | | | | | | | | | |
| TIME MIN | CNTCT | HEIGHT GPM | PR-S M3 | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MAX RTD GA/KG | RW PCT | RANGE KM |
| 0.9 | 6.2 | 140.0 | 1005.1 | 13.0 | 7.1 | 40.0 | 3.6 | -2.3 | -2.9 | 285.9 | 303.0 | 6.3 | 64.0 | 0.0 |
| 3.2 | 7.0 | 216.9 | 996.0 | 15.1 | 2.9 | 999.9 | 99.9 | 99.9 | 99.9 | 285.6 | 301.3 | 4.7 | 43.8 | 999.9 999. |
| 0.5 | 9.0 | 302.6 | 996.0 | 17.3 | -1.4 | 999.9 | 99.9 | 99.9 | 99.9 | 291.7 | 301.3 | 3.5 | 27.9 | 999.9 999. |
| 0.8 | 9.0 | 407.2 | 974.3 | 16.1 | -3.0 | 999.9 | 99.9 | 99.9 | 99.9 | 293.5 | 302.3 | 3.1 | 23.5 | 999.9 999. |
| 1.1 | 13.0 | 455.5 | 964.0 | 16.8 | -2.2 | 999.9 | 99.9 | 99.9 | 99.9 | 295.0 | 304.5 | 3.4 | 23.9 | 999.9 999. |
| 1.4 | 11.0 | 593.6 | 953.0 | 16.6 | 0.8 | 999.9 | 99.9 | 99.9 | 99.9 | 295.8 | 307.6 | 4.3 | 30.4 | 999.9 999. |
| 1.7 | 12.0 | 693.2 | 942.0 | 16.6 | -10.7 | 999.9 | 99.9 | 99.9 | 99.9 | 296.8 | 302.0 | 1.8 | 12.6 | 999.9 999. |
| 1.9 | 13.0 | 784.5 | 932.0 | 16.4 | 5.1 | 999.9 | 99.9 | 99.9 | 99.9 | 297.4 | 313.7 | 5.9 | 41.7 | 999.9 999. |
| 2.2 | 14.0 | 886.1 | 921.3 | 17.5 | 5.4 | 999.9 | 99.9 | 99.9 | 99.9 | 297.6 | 314.4 | 6.1 | 44.7 | 999.9 999. |
| 2.5 | 15.0 | 979.3 | 911.0 | 16.5 | 4.8 | 999.9 | 99.9 | 99.9 | 99.9 | 297.5 | 313.8 | 5.9 | 45.8 | 999.9 999. |
| 2.9 | 16.0 | 1073.2 | 901.0 | 16.1 | 5.0 | 999.9 | 99.9 | 99.9 | 99.9 | 298.0 | 314.7 | 6.1 | 47.6 | 999.9 999. |
| 3.1 | 17.3 | 1159.3 | 891.0 | 15.3 | 5.4 | 999.9 | 99.9 | 99.9 | 99.9 | 298.1 | 315.5 | 6.3 | 51.6 | 999.9 999. |
| 3.3 | 19.0 | 1263.5 | 891.0 | 14.3 | 5.7 | 999.9 | 99.9 | 99.9 | 99.9 | 298.1 | 316.0 | 6.6 | 58.2 | 999.9 999. |
| 3.7 | 19.0 | 1365.6 | 879.0 | 13.7 | 4.0 | 999.9 | 99.9 | 99.9 | 99.9 | 298.4 | 314.8 | 5.9 | 51.9 | 999.9 999. |
| 4.0 | 20.0 | 1477.0 | 860.3 | 13.2 | 3.4 | 999.9 | 99.9 | 99.9 | 99.9 | 299.9 | 314.7 | 5.7 | 51.6 | 999.9 999. |
| 4.3 | 21.0 | 1585.3 | 850.3 | 12.6 | 2.9 | 999.9 | 99.9 | 99.9 | 99.9 | 299.3 | 314.8 | 5.6 | 51.6 | 999.9 999. |
| 4.6 | 22.0 | 1674.6 | 839.0 | 11.8 | 2.4 | 338.0 | 4.8 | 1.6 | -4.5 | 299.7 | 314.8 | 5.5 | 52.5 | 1.1 209. |
| 4.9 | 23.0 | 1774.9 | 824.3 | 10.7 | 1.2 | 343.7 | 4.9 | 1.6 | -4.6 | 299.8 | 313.6 | 5.0 | 51.6 | 1.2 205. |
| 5.2 | 24.3 | 1875.6 | 814.3 | 10.2 | 0.4 | 343.4 | 5.1 | 1.5 | -4.9 | 300.8 | 313.5 | 4.8 | 50.7 | 1.2 203. |
| 5.5 | 25.0 | 1978.0 | 809.3 | 9.6 | -2.0 | 345.8 | 5.4 | 1.3 | -5.2 | 300.1 | 312.0 | 4.1 | 46.1 | 1.3 231. |
| 5.8 | 25.0 | 2070.7 | 803.0 | 8.9 | -5.6 | 339.7 | 5.4 | 1.9 | -5.1 | 300.6 | 309.1 | 2.9 | 32.7 | 1.6 193. |
| 6.1 | 27.3 | 2174.7 | 790.0 | 8.2 | -7.1 | 336.4 | 5.8 | 2.3 | -5.2 | 300.9 | 309.2 | 2.8 | 33.0 | 1.5 196. |
| 6.4 | 29.0 | 2279.6 | 790.0 | 7.1 | -9.1 | 334.2 | 6.1 | 2.3 | -5.7 | 300.9 | 308.1 | 2.5 | 30.5 | 1.5 193. |
| 6.7 | 29.0 | 2383.0 | 779.3 | 6.6 | -13.2 | 339.2 | 6.8 | 2.3 | -6.1 | 301.4 | 306.8 | 1.8 | 22.6 | 1.6 191. |
| 7.0 | 31.0 | 2492.0 | 761.0 | 6.2 | -11.2 | 339.7 | 6.9 | 2.4 | -6.5 | 302.1 | 308.4 | 2.1 | 27.4 | 1.7 159. |
| 7.3 | 31.0 | 2598.2 | 751.0 | 5.4 | -10.1 | 334.2 | 6.5 | 2.8 | -5.9 | 302.3 | 309.3 | 2.4 | 31.6 | 1.9 187. |
| 7.6 | 32.0 | 2699.6 | 741.0 | 4.7 | -12.9 | 329.8 | 6.2 | 3.2 | -5.3 | 302.7 | 308.5 | 1.9 | 26.6 | 1.9 185. |
| 7.9 | 33.0 | 2799.0 | 732.0 | 4.0 | -10.9 | 324.1 | 5.7 | 3.3 | -4.6 | 303.6 | 309.6 | 2.3 | 32.7 | 2.3 183. |
| 8.2 | 34.2 | 2899.5 | 723.0 | 3.5 | -9.7 | 322.0 | 5.4 | 3.3 | -4.2 | 303.6 | 311.6 | 2.7 | 40.2 | 2.1 181. |
| 8.5 | 35.0 | 3012.4 | 713.0 | 2.5 | -9.6 | 321.3 | 5.1 | 3.2 | -4.0 | 303.7 | 311.3 | 2.6 | 40.4 | 2.2 183. |
| 8.8 | 36.0 | 3115.0 | 704.0 | 2.0 | -9.8 | 323.3 | 5.1 | 3.0 | -4.1 | 304.2 | 311.9 | 2.6 | 41.1 | 2.3 178. |
| 9.1 | 37.0 | 3230.3 | 694.0 | 1.0 | -12.0 | 324.6 | 5.0 | 2.9 | -4.1 | 304.4 | 311.0 | 2.2 | 37.1 | 2.3 177. |
| 9.4 | 38.0 | 3335.1 | 685.0 | 0.2 | -13.8 | 324.4 | 5.8 | 2.9 | -4.0 | 304.6 | 312.5 | 2.6 | 46.6 | 2.6 175. |
| 9.7 | 39.0 | 3441.0 | 675.0 | -0.7 | -11.9 | 323.5 | 5.0 | 3.0 | -4.0 | 304.7 | 311.5 | 2.3 | 42.3 | 2.5 175. |
| 10.1 | 40.0 | 3548.0 | 667.0 | -1.4 | -12.4 | 322.3 | 5.0 | 3.1 | -4.0 | 305.2 | 311.8 | 2.2 | 42.1 | 2.6 173. |
| 10.3 | 41.0 | 3656.1 | 659.0 | -2.0 | -12.3 | 322.0 | 4.9 | 3.0 | -3.9 | 305.7 | 312.4 | 2.3 | 44.9 | 2.6 173. |
| 10.6 | 42.0 | 3765.5 | 649.0 | -2.8 | -8.6 | 321.7 | 4.3 | 2.6 | -3.3 | 306.0 | 315.1 | 3.1 | 63.8 | 2.7 171. |
| 11.0 | 43.0 | 3876.2 | 647.0 | -3.2 | -10.7 | 321.9 | 3.5 | 2.1 | -2.7 | 306.7 | 314.6 | 2.6 | 55.9 | 2.9 171. |
| 11.3 | 44.0 | 3989.2 | 631.0 | -4.1 | -11.6 | 323.5 | 2.5 | 1.5 | -2.0 | 306.9 | 314.4 | 2.5 | 55.9 | 2.8 170. |
| 11.6 | 45.0 | 4099.8 | 623.0 | -4.6 | -12.3 | 328.0 | 1.0 | 0.5 | -0.9 | 307.5 | 314.7 | 2.4 | 56.6 | 2.9 170. |
| 12.1 | 46.0 | 4203.3 | 614.0 | -5.4 | -13.7 | 9.8 | 0.1 | -0.0 | -4.0 | 307.9 | 314.5 | 2.2 | 51.8 | 2.9 170. |
| 12.4 | 47.0 | 4319.2 | 605.0 | -5.2 | -17.4 | 144.6 | 1.0 | -0.6 | 0.8 | 309.4 | 314.4 | 1.6 | 37.4 | 2.9 170. |
| 12.6 | 48.0 | 4416.9 | 596.0 | -5.8 | -17.8 | 141.7 | 2.3 | -1.4 | 1.8 | 310.0 | 314.9 | 1.6 | 39.0 | 2.9 170. |
| 13.1 | 49.0 | 4542.6 | 589.0 | -6.5 | -21.2 | 139.4 | 3.8 | -2.0 | 2.3 | 310.3 | 314.1 | 1.2 | 29.9 | 2.8 171. |
| 13.4 | 50.0 | 4603.9 | 579.0 | -7.1 | -23.9 | 136.9 | 3.9 | -2.4 | 2.6 | 311.0 | 313.4 | 0.7 | 18.7 | 2.9 171. |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

Table 5. Continued.

| STATION NO. 229 CENTERVILLE, ALABAMA | | | | | | | | | | | | | | | |
|---|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 19 APRIL 1979 1101 GMT | | | | | | | | | | | | | | | |
| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP 4/SEC | V COMP M/SEC | POT V DG K | E POT V DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
| 13.7 | 51.0 | 4771.4 | 571.0 | -7.6 | -27.0 | 137.7 | 3.8 | -2.6 | 2.8 | 311.7 | 314.1 | 0.7 | 19.2 | 2.7 172. | |
| 14.1 | 52.0 | 4854.8 | 562.0 | -8.8 | -23.3 | 141.0 | 4.0 | -2.5 | 3.1 | 311.8 | 315.1 | 1.0 | 29.6 | 2.6 173. | |
| 14.4 | 53.0 | 5055.7 | 554.0 | -9.6 | -22.3 | 145.3 | 3.7 | -2.1 | 3.1 | 312.0 | 315.7 | 1.1 | 34.5 | 2.6 174. | |
| 14.7 | 54.0 | 5117.8 | 546.0 | -10.5 | -25.2 | 152.6 | 3.2 | -1.5 | 2.9 | 312.3 | 315.2 | 0.9 | 28.6 | 2.5 175. | |
| 15.0 | 55.0 | 5231.2 | 533.0 | -11.5 | -27.4 | 164.6 | 2.7 | -0.7 | 2.6 | 312.4 | 314.9 | 0.7 | 25.2 | 2.5 175. | |
| 15.4 | 56.0 | 5360.6 | 529.0 | -11.6 | -29.1 | 194.2 | 2.2 | 0.5 | 2.1 | 313.8 | 315.9 | 0.6 | 21.8 | 2.4 175. | |
| 15.7 | 57.0 | 5477.3 | 521.0 | -11.8 | -25.4 | 216.6 | 2.3 | 1.4 | 1.9 | 315.0 | 318.0 | 0.9 | 31.0 | 2.4 174. | |
| 16.1 | 59.0 | 5555.7 | 513.0 | -12.6 | -21.1 | 237.1 | 2.9 | 2.4 | 1.6 | 315.3 | 319.8 | 1.4 | 48.8 | 2.3 173. | |
| 16.4 | 59.0 | 5715.5 | 505.0 | -13.3 | -27.4 | 245.1 | 5.3 | 3.1 | 1.2 | 315.9 | 318.6 | 0.8 | 29.4 | 2.3 172. | |
| 16.7 | 60.0 | 5416.9 | 497.0 | -14.3 | -21.7 | 261.8 | 3.7 | 3.7 | 0.5 | 316.2 | 320.5 | 1.4 | 53.4 | 2.3 170. | |
| 17.1 | 61.0 | 5554.9 | 483.0 | -14.9 | -20.9 | 279.9 | 4.6 | 4.5 | -0.8 | 316.9 | 321.7 | 1.5 | 60.0 | 2.3 168. | |
| 17.4 | 62.0 | 6069.9 | 432.0 | -15.4 | -18.9 | 292.0 | 5.6 | 5.2 | -2.1 | 317.8 | 322.7 | 1.8 | 76.8 | 2.4 166. | |
| 17.8 | 63.0 | 6144.9 | 474.0 | -17.1 | -17.9 | 299.6 | 6.9 | 6.0 | -3.4 | 317.1 | 323.3 | 2.0 | 93.0 | 2.5 163. | |
| 18.1 | 64.0 | 6322.6 | 456.0 | -17.5 | -19.2 | 302.1 | 7.7 | 6.5 | -4.1 | 318.1 | 324.3 | 1.9 | 93.7 | 2.5 161. | |
| 18.5 | 65.0 | 6436.0 | 457.0 | -17.7 | -19.7 | 302.3 | 8.2 | 6.9 | -4.4 | 319.1 | 324.8 | 1.7 | 84.7 | 2.7 159. | |
| 18.9 | 66.0 | 6567.5 | 451.0 | -18.6 | -21.6 | 299.9 | 8.3 | 7.2 | -4.1 | 319.7 | 324.6 | 1.5 | 76.8 | 2.9 156. | |
| 19.3 | 67.0 | 6694.0 | 444.0 | -19.8 | -22.7 | 294.4 | 8.3 | 7.5 | -3.4 | 319.8 | 324.1 | 1.4 | 77.5 | 3.0 154. | |
| 19.7 | 69.0 | 6618.8 | 436.0 | -20.4 | -23.3 | 286.9 | 8.3 | 7.9 | -2.4 | 320.4 | 324.8 | 1.3 | 78.1 | 3.2 152. | |
| 20.0 | 69.0 | 6939.5 | 429.0 | -21.5 | -25.3 | 280.5 | 8.3 | 8.2 | -1.5 | 320.5 | 324.3 | 1.1 | 71.5 | 3.3 153. | |
| 20.3 | 70.0 | 7059.6 | 422.0 | -22.5 | -25.8 | 275.0 | 8.3 | 8.3 | -0.7 | 320.9 | 324.3 | 1.1 | 74.0 | 3.4 149. | |
| 20.7 | 71.0 | 7192.3 | 415.0 | -23.3 | -25.9 | 271.2 | 8.4 | 8.4 | -0.2 | 321.4 | 325.1 | 1.1 | 78.5 | 3.5 145. | |
| 21.2 | 72.0 | 7324.5 | 407.0 | -24.6 | -26.5 | 271.1 | 8.4 | 8.4 | -0.4 | 321.4 | 325.0 | 1.1 | 84.0 | 3.7 142. | |
| 21.5 | 73.0 | 7450.6 | 400.0 | -25.5 | -28.0 | 276.4 | 8.3 | 8.2 | -0.9 | 321.8 | 325.0 | 0.9 | 79.5 | 3.8 140. | |
| 21.9 | 74.0 | 7579.4 | 393.0 | -26.8 | -30.3 | 281.7 | 7.9 | 7.7 | -1.6 | 321.7 | 324.4 | 0.8 | 72.3 | 3.9 139. | |
| 22.3 | 75.0 | 7709.0 | 396.0 | -27.1 | -32.0 | 285.6 | 7.8 | 7.5 | -2.1 | 323.0 | 325.4 | 0.7 | 63.0 | 4.1 137. | |
| 22.7 | 76.0 | 7820.9 | 380.0 | -27.6 | -34.2 | 285.7 | 8.0 | 7.7 | -2.1 | 323.8 | 325.7 | 0.5 | 53.1 | 4.2 136. | |
| 23.2 | 77.0 | 7954.5 | 371.0 | -28.2 | -35.2 | 281.9 | 8.7 | 8.5 | -1.8 | 324.8 | 326.6 | 0.5 | 50.7 | 4.4 136. | |
| 23.7 | 78.0 | 8090.1 | 366.0 | -29.4 | -36.3 | 281.2 | 9.9 | 9.7 | -1.9 | 325.0 | 326.6 | 0.5 | 50.5 | 4.7 132. | |
| 24.1 | 79.0 | 8207.9 | 360.0 | -30.6 | -37.5 | 284.6 | 10.8 | 10.4 | -2.7 | 324.9 | 326.4 | 0.4 | 50.3 | 4.9 132. | |
| 24.5 | 80.0 | 8147.1 | 353.0 | -31.7 | -38.7 | 290.8 | 11.2 | 10.5 | -4.0 | 325.2 | 326.5 | 0.4 | 49.7 | 5.1 129. | |
| 25.0 | 81.0 | 8488.6 | 346.0 | -32.4 | -39.5 | 298.6 | 10.8 | 9.4 | -5.2 | 326.1 | 327.4 | 0.3 | 48.7 | 5.5 128. | |
| 25.5 | 82.0 | 8611.6 | 340.0 | -33.7 | -40.8 | 303.2 | 10.2 | 8.6 | -5.6 | 325.9 | 327.1 | 0.3 | 48.5 | 5.9 128. | |
| 25.9 | 83.0 | 8736.2 | 334.0 | -34.8 | -42.0 | 304.1 | 10.2 | 8.4 | -5.7 | 326.1 | 327.2 | 0.3 | 47.7 | 6.0 128. | |
| 26.3 | 84.0 | 8843.7 | 327.0 | -36.2 | -42.7 | 303.2 | 10.3 | 8.6 | -5.6 | 326.3 | 327.3 | 0.3 | 50.6 | 6.3 128. | |
| 26.7 | 85.0 | 9012.0 | 321.0 | -37.2 | -42.9 | 300.5 | 10.8 | 9.3 | -5.5 | 326.5 | 327.5 | 0.3 | 54.8 | 6.5 128. | |
| 27.1 | 86.0 | 9142.0 | 315.0 | -38.5 | -43.7 | 296.9 | 11.7 | 10.4 | -5.3 | 326.6 | 327.5 | 0.2 | 57.5 | 6.8 127. | |
| 27.5 | 87.0 | 9296.1 | 308.0 | -39.8 | -44.1 | 293.5 | 12.8 | 11.7 | -5.1 | 326.8 | 327.7 | 0.2 | 63.0 | 7.1 127. | |
| 27.9 | 89.0 | 9430.3 | 302.0 | -40.7 | -45.9 | 292.2 | 13.8 | 12.8 | -5.2 | 327.5 | 327.5 | 0.2 | 99.9 | 7.4 126. | |
| 28.3 | 89.0 | 9566.4 | 296.0 | -42.5 | -47.9 | 291.1 | 15.0 | 14.0 | -5.4 | 327.8 | 327.8 | 0.2 | 99.9 | 7.7 125. | |
| 28.7 | 90.0 | 9704.5 | 290.0 | -43.5 | -49.9 | 289.1 | 16.2 | 15.3 | -5.3 | 327.3 | 327.3 | 0.2 | 99.9 | 8.1 125. | |
| 29.1 | 91.0 | 9844.8 | 284.0 | -44.6 | -51.9 | 286.2 | 17.4 | 16.7 | -4.8 | 327.6 | 327.6 | 0.2 | 99.9 | 8.4 124. | |
| 29.5 | 92.0 | 9963.4 | 279.0 | -45.9 | -53.9 | 283.1 | 18.5 | 18.0 | -4.2 | 327.4 | 327.4 | 0.2 | 99.9 | 8.8 123. | |
| 29.9 | 93.0 | 10107.7 | 273.0 | -47.3 | -55.9 | 280.5 | 19.3 | 19.0 | -3.5 | 327.4 | 327.4 | 0.2 | 99.9 | 9.3 122. | |
| 30.3 | 94.0 | 10254.3 | 267.0 | -48.5 | -57.9 | 277.7 | 19.8 | 19.6 | -2.7 | 327.7 | 327.7 | 0.2 | 99.9 | 9.7 121. | |
| 30.7 | 95.0 | 10378.3 | 262.0 | -49.7 | -59.9 | 276.1 | 20.5 | 20.4 | -2.2 | 327.7 | 327.7 | 0.2 | 99.9 | 10.2 120. | |

BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

Table 5. Continued.

| STATION NO. 229 CENTREVILLE, ALABAMA 19 APRIL 1979 1101 GMT | | | | | | | | | | | | | | | 457 21. 0 | | |
|--|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|-----------|--|--|
| TIME MIN | CORCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP 4/SEC | V COMP M/SEC | POT Y DG M | E POT Y DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG | | |
| 31.2 | 95.0 | 10529.6 | 256.0 | -50.6 | 99.9 | 277.7 | 21.5 | 21.3 | -2.9 | 323.5 | 999.9 | 99.9 | 999.9 | 10.7 118. | | | |
| 31.7 | 97.0 | 10657.9 | 251.0 | -51.6 | 99.9 | 283.2 | 21.9 | 21.3 | -5.0 | 329.0 | 999.9 | 99.9 | 999.9 | 11.4 117. | | | |
| 32.2 | 93.0 | 10614.8 | 245.0 | -51.9 | 99.9 | 289.4 | 21.5 | 20.4 | -6.9 | 330.2 | 999.9 | 99.9 | 999.9 | 12.0 117. | | | |
| 32.7 | 99.0 | 10648.2 | 243.0 | -52.8 | 99.9 | 290.9 | 21.0 | 19.6 | -7.5 | 331.4 | 999.9 | 99.9 | 999.9 | 12.6 116. | | | |
| 33.3 | 100.0 | 10833.8 | 235.0 | -53.6 | 99.9 | 292.0 | 22.3 | 20.6 | -8.3 | 332.2 | 999.9 | 99.9 | 999.9 | 13.4 116. | | | |
| 33.8 | 101.0 | 11221.7 | 230.0 | -54.8 | 99.9 | 292.6 | 24.2 | 22.4 | -9.3 | 332.5 | 999.9 | 99.9 | 999.9 | 14.1 116. | | | |
| 34.3 | 102.0 | 11361.9 | 225.0 | -56.1 | 99.9 | 292.8 | 25.8 | 23.8 | -10.0 | 332.6 | 999.9 | 99.9 | 999.9 | 14.8 116. | | | |
| 34.8 | 103.0 | 11504.5 | 220.0 | -57.1 | 99.9 | 292.8 | 26.9 | 24.8 | -10.4 | 333.2 | 999.9 | 99.9 | 999.9 | 15.6 116. | | | |
| 35.3 | 104.0 | 11679.0 | 218.0 | -58.3 | 99.9 | 293.0 | 27.4 | 25.3 | -10.7 | 334.0 | 999.9 | 99.9 | 999.9 | 16.5 116. | | | |
| 35.8 | 105.0 | 11827.4 | 209.0 | -59.3 | 99.9 | 293.4 | 27.9 | 25.6 | -11.1 | 334.6 | 999.9 | 99.9 | 999.9 | 17.3 115. | | | |
| 36.3 | 106.0 | 11978.7 | 204.0 | -60.2 | 99.9 | 294.0 | 28.7 | 26.3 | -11.7 | 335.5 | 999.9 | 99.9 | 999.9 | 18.1 115. | | | |
| 36.8 | 107.0 | 12133.2 | 197.0 | -61.0 | 99.9 | 295.1 | 28.9 | 26.2 | -12.3 | 336.7 | 999.9 | 99.9 | 999.9 | 19.0 115. | | | |
| 37.3 | 108.0 | 12292.2 | 195.0 | -61.7 | 99.9 | 297.7 | 28.1 | 24.9 | -13.1 | 337.5 | 999.9 | 99.9 | 999.9 | 20.7 115. | | | |
| 37.8 | 109.0 | 12420.0 | 193.0 | -62.1 | 99.9 | 300.8 | 27.2 | 23.3 | -13.9 | 339.4 | 999.9 | 99.9 | 999.9 | 21.5 116. | | | |
| 38.3 | 110.0 | 12551.4 | 186.0 | -62.4 | 99.9 | 301.7 | 26.6 | 22.6 | -14.0 | 340.9 | 999.9 | 99.9 | 999.9 | 22.3 116. | | | |
| 38.8 | 111.0 | 12719.6 | 181.0 | -62.4 | 99.9 | 299.9 | 25.5 | 22.1 | -12.7 | 343.3 | 999.9 | 99.9 | 999.9 | 23.2 115. | | | |
| 39.4 | 112.0 | 12857.5 | 177.0 | -62.4 | 99.9 | 296.3 | 23.7 | 21.2 | -10.5 | 345.8 | 999.9 | 99.9 | 999.9 | 24.5 115. | | | |
| 39.9 | 113.0 | 13034.7 | 172.0 | -61.7 | 99.9 | 292.8 | 21.2 | 19.6 | -8.2 | 349.8 | 999.9 | 99.9 | 999.9 | 25.0 116. | | | |
| 40.5 | 114.0 | 13190.8 | 169.0 | -60.6 | 99.9 | 287.2 | 19.7 | 18.8 | -5.8 | 354.0 | 999.9 | 99.9 | 999.9 | 25.6 115. | | | |
| 41.0 | 115.0 | 13330.7 | 164.0 | -61.0 | 99.9 | 283.3 | 20.6 | 20.0 | -4.0 | 355.9 | 999.9 | 99.9 | 999.9 | 26.3 115. | | | |
| 41.6 | 116.0 | 13483.9 | 160.0 | -61.9 | 99.9 | 278.6 | 20.5 | 20.3 | -3.1 | 356.8 | 999.9 | 99.9 | 999.9 | 27.0 114. | | | |
| 42.0 | 117.0 | 13640.5 | 156.0 | -62.1 | 99.9 | 277.9 | 22.2 | 21.9 | -3.0 | 359.1 | 999.9 | 99.9 | 999.9 | 27.9 114. | | | |
| 42.5 | 118.0 | 13800.9 | 152.0 | -62.6 | 99.9 | 280.2 | 23.5 | 23.1 | -4.2 | 360.9 | 999.9 | 99.9 | 999.9 | 28.7 114. | | | |
| 43.1 | 119.0 | 13965.5 | 148.0 | -62.3 | 99.9 | 282.4 | 23.6 | 23.1 | -5.1 | 364.2 | 999.9 | 99.9 | 999.9 | 29.4 113. | | | |
| 43.7 | 120.0 | 14134.6 | 144.0 | -62.6 | 99.9 | 284.4 | 24.8 | 24.0 | -6.1 | 366.3 | 999.9 | 99.9 | 999.9 | 30.4 113. | | | |
| 44.2 | 121.0 | 14307.9 | 140.0 | -63.6 | 99.9 | 285.3 | 25.5 | 24.6 | -6.7 | 367.7 | 999.9 | 99.9 | 999.9 | 31.2 113. | | | |
| 44.8 | 122.0 | 14495.6 | 136.0 | -64.2 | 99.9 | 286.5 | 26.5 | 25.5 | -7.5 | 369.8 | 999.9 | 99.9 | 999.9 | 32.1 113. | | | |
| 45.3 | 123.0 | 14698.5 | 132.0 | -63.8 | 99.9 | 288.0 | 26.2 | 24.9 | -8.1 | 373.0 | 999.9 | 99.9 | 999.9 | 33.1 113. | | | |
| 45.9 | 124.0 | 14909.5 | 129.0 | -63.8 | 99.9 | 289.4 | 26.0 | 24.5 | -8.6 | 376.1 | 999.9 | 99.9 | 999.9 | 33.9 113. | | | |
| 46.5 | 125.0 | 15002.6 | 125.0 | -63.9 | 99.9 | 286.8 | 25.3 | 24.2 | -7.3 | 379.5 | 999.9 | 99.9 | 999.9 | 34.7 112. | | | |
| 47.1 | 126.0 | 15151.7 | 122.0 | -63.6 | 99.9 | 281.6 | 24.1 | 23.6 | -4.8 | 382.5 | 999.9 | 99.9 | 999.9 | 35.6 112. | | | |
| 47.7 | 127.0 | 15355.9 | 119.0 | -64.4 | 99.9 | 281.0 | 24.5 | 24.0 | -4.7 | 384.7 | 999.9 | 99.9 | 999.9 | 36.5 112. | | | |
| 48.3 | 128.0 | 15513.4 | 115.0 | -64.4 | 99.9 | 284.5 | 25.6 | 24.8 | -6.4 | 387.6 | 999.9 | 99.9 | 999.9 | 37.4 112. | | | |
| 48.9 | 129.0 | 15729.6 | 111.0 | -65.0 | 99.9 | 289.1 | 24.5 | 23.2 | -8.0 | 390.4 | 999.9 | 99.9 | 999.9 | 38.1 112. | | | |
| 49.5 | 130.0 | 15961.9 | 109.0 | -64.6 | 99.9 | 294.4 | 20.7 | 18.9 | -8.6 | 394.2 | 999.9 | 99.9 | 999.9 | 39.5 112. | | | |
| 50.1 | 131.0 | 16068.7 | 105.0 | -65.2 | 99.9 | 294.1 | 21.4 | 19.6 | -8.7 | 396.3 | 999.9 | 99.9 | 999.9 | 40.2 112. | | | |
| 50.7 | 132.0 | 16305.3 | 101.0 | -65.4 | 99.9 | 287.8 | 20.1 | 19.2 | -6.2 | 400.3 | 999.9 | 99.9 | 999.9 | 41.1 111. | | | |
| 51.3 | 133.0 | 16488.3 | 99.0 | -66.4 | 99.9 | 279.0 | 17.3 | 17.1 | -2.7 | 401.8 | 999.9 | 99.9 | 999.9 | 42.3 111. | | | |
| 52.0 | 134.0 | 16676.1 | 95.0 | -67.6 | 99.9 | 278.1 | 20.3 | 20.1 | -2.9 | 402.9 | 999.9 | 99.9 | 999.9 | 43.3 111. | | | |
| 52.6 | 135.0 | 16865.2 | 92.0 | -67.6 | 99.9 | 285.0 | 26.9 | 25.6 | -6.9 | 406.6 | 999.9 | 99.9 | 999.9 | 44.0 112. | | | |
| 53.3 | 136.0 | 17069.0 | 89.0 | -67.2 | 99.9 | 293.5 | 28.6 | 26.3 | -11.4 | 411.4 | 999.9 | 99.9 | 999.9 | 44.5 112. | | | |
| 53.9 | 137.0 | 17275.4 | 85.0 | -68.1 | 99.9 | 300.8 | 24.3 | 20.9 | -12.4 | 413.7 | 999.9 | 99.9 | 999.9 | 44.9 112. | | | |
| 54.5 | 139.0 | 17489.1 | 83.0 | -67.2 | 99.9 | 308.7 | 16.6 | 12.9 | -10.4 | 419.7 | 999.9 | 99.9 | 999.9 | 44.9 112. | | | |
| 55.1 | 139.0 | 17711.7 | 80.0 | -66.4 | 99.9 | 311.6 | 10.5 | 7.9 | -7.0 | 425.8 | 999.9 | 99.9 | 999.9 | 44.9 112. | | | |
| 55.9 | 140.0 | 17943.1 | 77.0 | -66.4 | 99.9 | 284.8 | 8.1 | 7.8 | -2.1 | 430.5 | 999.9 | 99.9 | 999.9 | 44.9 112. | | | |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

Table 5. Concluded.

| STATION NO. 229 CENTERVILLE, ALABAMA | | | | | | | | | | | | | |
|---|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|
| 19 APRIL 1979 1101 GMT | | | | | | | | | | | | | |
| TIME -IN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | PDY T DG K | E PDY T DG K | MX STD GM/KG | RH PCY |
| 55.5 | 141.0 | 18102.5 | 75.0 | -66.4 | 99.9 | 272.6 | 11.9 | 11.8 | -0.5 | 433.7 | 999.9 | 99.9 | 999.9 |
| 57.2 | 142.0 | 18350.1 | 72.0 | -65.9 | 99.9 | 278.3 | 14.3 | 14.2 | -2.1 | 440.1 | 999.9 | 99.9 | 999.9 |
| 57.9 | 143.0 | 18508.9 | 69.0 | -65.6 | 99.9 | 276.6 | 9.2 | 9.1 | -1.1 | 440.6 | 999.9 | 99.9 | 999.9 |
| 58.6 | 143.0 | 18747.6 | 67.0 | -65.6 | 99.9 | 270.2 | 9.7 | 9.7 | -0.0 | 449.7 | 999.9 | 99.9 | 999.9 |
| 59.4 | 143.0 | 19066.1 | 64.0 | -65.8 | 99.9 | 283.0 | 14.1 | 13.7 | -3.2 | 453.2 | 999.9 | 99.9 | 999.9 |
| 59.2 | 143.0 | 19377.7 | 61.0 | -65.8 | 99.9 | 294.4 | 11.4 | 10.5 | -4.8 | 461.5 | 999.9 | 99.9 | 999.9 |
| 61.0 | 147.0 | 19309.4 | 54.0 | -65.4 | 99.9 | 303.3 | 11.7 | 9.8 | -6.4 | 465.8 | 999.9 | 99.9 | 999.9 |
| 61.8 | 143.0 | 19477.9 | 55.0 | -65.6 | 99.9 | 311.6 | 12.5 | 9.4 | -8.3 | 473.4 | 999.9 | 99.9 | 999.9 |
| 62.6 | 143.0 | 20214.4 | 53.0 | -63.4 | 99.9 | 328.1 | 9.2 | 4.8 | -7.8 | 485.9 | 999.9 | 99.9 | 999.9 |
| 63.5 | 150.0 | 20427.0 | 51.0 | -61.1 | 99.9 | 332.1 | 7.6 | 3.5 | -6.7 | 496.6 | 999.9 | 99.9 | 999.9 |
| 64.4 | 151.0 | 20431.2 | 49.0 | -58.1 | 99.9 | 337.4 | 7.2 | 2.8 | -6.7 | 512.5 | 999.9 | 99.9 | 999.9 |
| 65.3 | 152.0 | 21103.2 | 46.0 | -56.6 | 99.9 | 25.9 | 3.2 | -1.4 | -2.9 | 522.5 | 999.9 | 99.9 | 999.9 |
| 65.3 | 153.0 | 21343.5 | 44.0 | -54.6 | 99.9 | 238.3 | 2.3 | 2.0 | 1.2 | 534.0 | 999.9 | 99.9 | 999.9 |
| 67.3 | 154.0 | 21336.6 | 41.0 | -53.6 | 99.9 | 275.5 | 7.6 | 7.5 | -0.7 | 547.3 | 999.9 | 99.9 | 999.9 |
| 68.3 | 155.0 | 22157.6 | 37.0 | -54.4 | 99.9 | 299.6 | 3.9 | 3.4 | -1.9 | 553.2 | 999.9 | 99.9 | 999.9 |
| 69.4 | 155.0 | 22572.3 | 35.0 | -52.8 | 99.9 | 332.5 | 6.9 | 3.2 | -6.1 | 570.1 | 999.9 | 99.9 | 999.9 |
| 70.4 | 157.0 | 23041.8 | 34.0 | -52.0 | 99.9 | 322.7 | 8.8 | 5.3 | -7.0 | 581.6 | 999.9 | 99.9 | 999.9 |
| 71.7 | 153.0 | 23455.9 | 32.0 | -50.5 | 99.9 | 303.8 | 10.7 | 8.9 | -6.0 | 595.9 | 999.9 | 99.9 | 999.9 |
| 73.1 | 153.0 | 24002.7 | 29.0 | -47.2 | 99.9 | 257.4 | 7.3 | 7.1 | 1.6 | 622.0 | 999.9 | 99.9 | 999.9 |
| 74.6 | 161.0 | 24357.9 | 27.0 | -45.0 | 99.9 | 266.2 | 12.0 | 12.0 | 0.8 | 641.0 | 999.9 | 99.9 | 999.9 |
| 76.1 | 161.0 | 25347.9 | 24.0 | -43.3 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 661.9 | 999.9 | 99.9 | 999.9 |
| 77.7 | 162.0 | 26251.0 | 21.0 | -41.2 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 700.2 | 999.9 | 99.9 | 999.9 |

Table 6. Explanation of column headings of tabulated sounding data for the AVE-SESAME II experiment.

| | |
|----------------|---|
| TIME (MIN) | Time after balloon release. |
| CNTCT | Contact number. |
| HEIGHT (GPM) | Height of corresponding pressure surface in geopotential meters. |
| PRES (MB) | Pressure in millibars. |
| TEMP (DG C) | Ambient temperature in degrees Celsius. NOTE: An asterisk indicates that time from release and/or temperature were linearly interpolated. |
| DEW PT (DG C) | Dew-point temperature in degrees Celsius. |
| DIR (DG) | Wind direction measured clockwise from true north and is the direction from which the wind is blowing. |
| SPEED (M/SEC) | Scalar wind speed in meters per second. NOTE: An asterisk indicates that wind quantities are based on an elevation angle that is between 10° and 6°. A double asterisk indicates that the elevation angle is less than 6°. |
| U COMP (M/SEC) | The E-W wind component, positive toward the east and negative toward the west. |
| V COMP (M/SEC) | The N-S wind component, positive toward the north and negative toward the south. |
| POT T (DG K) | Potential temperature in degrees Kelvin. |
| E POT T (DG K) | Equivalent potential temperature in degrees Kelvin. |
| MX RTO (GM/KG) | Mixing ratio in grams per kilogram. |
| RH (PCT) | Relative humidity in percent. |
| RANGE (KM) | Distance balloon is from release point along a radius vector. |
| AZ (DG) | Direction toward balloon measured clockwise from true north. |

Table 7. Soundings missing or terminated before completion (100 mb) for AVE-SESAME II.

| Station | Date/GMT | Reason | Last Pressure Coded (mb) |
|----------------------------|----------|---|--------------------------|
| Arlene, Tx. (001) | 19/1500 | Sounding terminated early by operator. | 108 |
| | 20/0000 | Contact arm touched shorting wire too soon. | 126 |
| | 20/1200 | Sounding terminated early by operator. | 104 |
| Bartlesville, Ok. (002) | 20/0600 | Equipment failure. | 167 |
| | 20/0900 | Balloon burst. | 443 |
| College Station, Tx. (005) | 19/1200 | Equipment failure. | 385 |
| | 19/1500 | Equipment failure. | |
| | 20/0000 | Balloon icing. | 499 |
| Durant, Ok. (007) | 20/0300 | Balloon leak. | 175 |
| | 20/0600 | Sounding terminated early by operator. | 114 |
| Fort Smith, Ar. (008) | 19/1200 | Contact arm touched shorting wire too soon. | 110 |
| | 19/1800 | Contact arm touched shorting wire too soon. | 110 |
| | 20/0300 | Weak signal. | 175 |
| | 20/0600 | Weak signal. | 397 |
| | 20/0900 | Radiosonde failure. | 372 |
| | 20/1200 | Lost signal. | 214 |
| Gage, Ok. (009) | 19/1500 | Equipment failure. | 420 |
| | 19/1800 | Equipment failure. | |
| | 19/2100 | Equipment failure. | |
| | 20/0900 | Weak signal. | 259 |
| Goodland, Ks. (010) | 20/0000 | Contact arm touched shorting wire too soon. | 133 |
| | 20/0300 | Contact arm touched shorting wire too soon. | 107 |
| | 20/1200 | Radiosonde failure. | 180 |
| Wichita, Ks. (011) | | All soundings missing because no personnel available. | |
| Junction, Tx. (012) | 19/2100 | Contact arm touched shorting wire too soon. | 109 |
| | 20/0000 | Contact arm touched shorting wire too soon. | 107 |

Table 7. Continued.

| Station | Date/GMT | Reason | Last Pressure Coded (mb) |
|-------------------------|--------------------|--|--------------------------|
| Ottumwa, Ia. (016) | 19/1200 | Balloon icing. Remainder of soundings missing due to equip- ment failure. | 693 |
| Raton, NM. (018) | 19/2100 | Weak signal. | 183 |
| Oxford, Ms. (019) | 19/2100 | Lost signal. | 313 |
| Boothville, La. (232) | | Soundings were only taken during normally scheduled NWS launch times (19/1200, 20/0000, 20/1200) | |
| Lake Charles, La. (240) | 19/2100 | Sounding terminated early by operator. | 122 |
| Stephenville, Tx. (260) | 19/2100 | Radiosonde failure. | 263 |
| Midland, Tx. (265) | 20/0900 20/1200 | Radiosonde failure. Balloon burst | 373 155 |
| Monett, Mo. (349) | 19/1200 | Radiosonde failure. | 326 |
| Dodge City, Ks. (451) | 20/0900 | Fading signal. | 113 |
| Omaha, Ne. (553) | 20/0600 | Balloon burst. | 142 |
| North Platte, Ne. (562) | 20/0000 | Equipment failure. | |

Table 8. List of soundings with questionable data.

| Station | Date/Time (GMT) | Questionable Data |
|---------------------|-----------------|--|
| Abilene, Tx. (001) | 20/0300 | Heights 40 m high at 200 mb. |
| Abilene, Tx. (001) | 20/1200 | Heights 30 m high at 500 mb; 50 m high at 200 mb. |
| Durant, Ok. (007) | 20/0300 | Heights 20 m low at 500 mb; 60 m low at 200 mb. |
| Durant, Ok. (007) | 20/0600 | Heights 40 m low at 500 mb; 70 m low at 200 mb. |
| Gage, Ok. (009) | | All heights calculated at Gage contain a bias which results in heights that are too high. Accuracy of pressure calibration suspected. |
| Monroe, La. (013) | 19/1200 | Heights 50 m high at 200 mb. |
| Monroe, La. (013) | 20/0600 | Heights 50 m high at 200 mb. |
| Morton, Tx. (015) | 20/1200 | Heights 25 m low at 500 mb; 45 m low at 200 mb. |
| Raton, NM (018) | | All wind directions computed at Raton contain a possible bias of 15-20 degrees low. Accuracy of GMD orientation suspected. (These soundings not listed in Appendix two.) |
| Oxford, Ms. (019) | 20/0600 | Heights 50 m high at 200 mb. |
| Del Rio, Tx. (261) | 19/2100 | Heights 70 m low at 200 mb. |
| Amarillo, Tx. (363) | 19/2100 | Heights 140 m low at 200 mb; sounding possibly in thunderstorm. |
| Omaha, Ne. (553) | 20/0600 | Heights 80 m high at 500 mb; 162 m high at 200 mb; sounding possibly in thunderstorm. |

Table 9 contains a list of soundings that experienced rather large variations in balloon rise rate. The identification of these soundings is somewhat arbitrary but based on variations in the number of pressure contacts per min. These soundings may have been made in or near thunderstorms. Caution should be exercised in their use.

Table 9. AVE-SESAME II soundings with large variations in balloon rise rate.

| Station | Date/Time (GMT) |
|----------------------------|-----------------|
| College Station, Tx. (005) | 20/0900 |
| Raton, Nm. (018) | 19/2100 |
| Raton, Nm. (018) | 20/0000 |
| Lake Charles, La. (240) | 20/0900 |
| Longview, Tx. (247) | 20/0000 |
| Victoria, Tx. (255) | 20/0300 |
| Amarillo, Tx. (363) | 19/2100 |
| Denver, Co. (469) | 19/2100 |
| Omaha, Ne. (553) | 20/0600 |
| Omaha, Ne. (553) | 20/0900 |

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APPENDIX I

AVE-SESAME II Sounding Data
of Unquestionable Validity
Presented at 25-mb Intervals

STATION NO. 1
ABILENE, TEXAS
19 APRIL 1979
1113 GMT

| TIME MIN | CNTCT | HEIGHT GN | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | WX RTO CM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|--------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 11.6 | 537.0 | 949.5 | 1.3 | 17.4 | 150.0 | 9.3 | -4.7 | 8.1 | 296.8 | 331.8 | 13.4 | 89.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.9 | 13.7 | 762.2 | 925.0 | 19.0 | 17.1 | 165.4 | 13.0 | -3.5 | 13.4 | 297.7 | 333.0 | 13.4 | 94.9 | 0.6 | 33.0 |
| 1.7 | 16.1 | 997.1 | 900.0 | 17.4 | 16.0 | 177.2 | 17.7 | -0.9 | 17.7 | 299.4 | 333.6 | 12.9 | 91.9 | 1.4 | 34.0 |
| 2.7 | 18.5 | 1239.7 | 875.0 | 10.9 | 10.4 | 191.2 | 18.3 | 3.5 | 17.9 | 304.5 | 329.7 | 9.2 | 54.5 | 2.5 | 35.3 |
| 3.9 | 23.9 | 1469.6 | 850.0 | 19.4 | 9.7 | 190.7 | 16.3 | 3.0 | 16.0 | 306.5 | 331.5 | 9.0 | 53.6 | 3.5 | 36.0 |
| 4.9 | 23.4 | 1740.1 | 825.0 | 17.7 | 9.5 | 189.0 | 16.4 | 2.6 | 16.2 | 307.3 | 331.2 | 6.5 | 56.8 | 4.5 | 2. |
| 5.9 | 25.3 | 2028.6 | 800.0 | 16.2 | 5.9 | 188.4 | 15.0 | 2.2 | 14.8 | 308.5 | 329.2 | 7.3 | 50.3 | 5.4 | 3. |
| 6.9 | 24.6 | 2278.4 | 775.0 | 15.1 | 0.9 | 194.0 | 9.2 | 2.2 | 9.0 | 310.0 | 325.5 | 5.3 | 38.1 | 6.2 | 4. |
| 7.7 | 31.0 | 2554.9 | 750.0 | 12.7 | -0.4 | 191.3 | 7.3 | 1.4 | 7.1 | 310.4 | 319.9 | 3.2 | 25.8 | 6.6 | 4. |
| 8.9 | 31.7 | 2919.5 | 725.0 | 10.6 | -0.6 | 177.1 | 5.0 | -0.3 | 5.0 | 311.1 | 320.8 | 3.2 | 29.2 | 7.0 | 5. |
| 9.9 | 34.3 | 3129.5 | 700.0 | 8.1 | -0.2 | 153.4 | 3.3 | -1.5 | 3.0 | 311.5 | 321.1 | 3.2 | 33.0 | 7.2 | 4. |
| 11.7 | 30.0 | 3429.1 | 675.0 | 5.4 | -0.2 | 157.1 | 3.2 | -1.2 | 2.9 | 311.7 | 320.3 | 2.8 | 33.9 | 7.4 | 3. |
| 12.2 | 41.4 | 3735.4 | 650.0 | 2.8 | -0.4 | 179.8 | 3.2 | -0.0 | 3.2 | 312.2 | 323.1 | 3.6 | 50.4 | 7.6 | 3. |
| 13.6 | 44.4 | 4051.6 | 625.0 | -0.2 | -0.1 | 216.4 | 2.8 | 1.6 | 2.3 | 312.3 | 323.1 | 3.6 | 59.5 | 7.9 | 3. |
| 14.7 | 47.4 | 4376.7 | 600.0 | -3.1 | -0.9 | 262.1 | 4.8 | 4.8 | 0.1 | 312.5 | 322.4 | 3.3 | 64.5 | 7.9 | 4. |
| 16.2 | 57.4 | 4712.3 | 575.0 | -5.8 | -10.6 | 272.0 | 6.5 | 6.5 | -0.2 | 313.2 | 322.2 | 3.0 | 65.8 | 8.0 | 8. |
| 17.5 | 53.4 | 5058.8 | 550.0 | -9.0 | -13.5 | 256.5 | 6.3 | 6.1 | 1.5 | 313.4 | 321.0 | 2.5 | 70.1 | 8.0 | 12. |
| 19.7 | 54.5 | 5418.1 | 525.0 | -10.0 | -42.5 | 200.4 | 4.1 | 1.4 | 3.9 | 316.4 | 317.5 | 0.3 | 10.6 | 7.4 | 14. |
| 20.9 | 59.6 | 5793.9 | 500.0 | -11.1 | -56.9 | 99.9 | 99.9 | 99.9 | 99.9 | 319.5 | 319.6 | 0.0 | 1.0 | 8.7 | 14. |
| 22.3 | 62.4 | 6148.1 | 475.0 | -14.5 | -51.9 | 99.9 | 99.9 | 99.9 | 99.9 | 320.0 | 320.3 | 0.1 | 2.7 | 99.9 | 99.9 |
| 23.6 | 65.0 | 6592.0 | 450.0 | -17.7 | -32.6 | 99.9 | 99.9 | 99.9 | 99.9 | 321.0 | 321.0 | 0.5 | 25.9 | 99.9 | 99.9 |
| 24.9 | 69.5 | 7019.6 | 425.0 | -21.2 | -36.2 | 99.9 | 99.9 | 99.9 | 99.9 | 321.8 | 323.2 | 0.4 | 24.8 | 99.9 | 99.9 |
| 26.5 | 71.0 | 7462.1 | 400.0 | -23.4 | -64.8 | 99.9 | 99.9 | 99.9 | 99.9 | 324.6 | 324.7 | 0.0 | 1.0 | 99.9 | 99.9 |
| 28.4 | 76.7 | 7931.5 | 375.0 | -26.5 | -32.6 | 99.9 | 99.9 | 99.9 | 99.9 | 326.6 | 328.9 | 0.7 | 56.4 | 99.9 | 99.9 |
| 31.1 | 87.4 | 8626.6 | 350.0 | -33.2 | -33.8 | 99.9 | 99.9 | 99.9 | 99.9 | 328.7 | 329.7 | 0.6 | 70.4 | 99.9 | 99.9 |
| 32.3 | 84.5 | 9190.1 | 325.0 | -34.8 | -42.1 | 99.9 | 99.9 | 99.9 | 99.9 | 330.0 | 330.0 | 0.3 | 47.0 | 99.9 | 99.9 |
| 34.1 | 89.5 | 9672.4 | 300.0 | -37.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 330.0 | 330.0 | 99.9 | 99.9 | 99.9 | 99.9 |
| 36.9 | 93.0 | 10322.3 | 275.0 | -44.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 331.4 | 331.4 | 99.9 | 99.9 | 99.9 | 99.9 |
| 39.1 | 97.4 | 11725.0 | 250.0 | -49.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 332.8 | 332.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| 41.5 | 102.4 | 11408.6 | 225.0 | -55.1 | 59.9 | 99.9 | 99.9 | 99.9 | 99.9 | 334.0 | 334.0 | 99.9 | 99.9 | 99.9 | 99.9 |
| 44.2 | 107.8 | 12148.7 | 200.0 | -61.1 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 336.0 | 336.0 | 99.9 | 99.9 | 99.9 | 99.9 |
| 47.3 | 113.6 | 12975.1 | 175.0 | -61.1 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 339.1 | 339.1 | 99.9 | 99.9 | 99.9 | 99.9 |
| 51.7 | 120.0 | 13239.0 | 150.0 | -59.2 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 368.1 | 368.1 | 99.9 | 99.9 | 99.9 | 99.9 |
| 54.7 | 127.0 | 15049.6 | 125.0 | -63.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 376.8 | 376.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 17 DEG
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 1
ARILENE, TEXAS
19 APRIL 1979
1408 GMT

| TIME MIN | CMTCY | HEIGHT GPH | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT 7 DG K | E POT 7 DG K | WX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|---------------|-----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 11.1 | 537.0 | 950.9 | 21.5 | 15.8 | 160.0 | 5.1 | -1.7 | 4.8 | 298.9 | 330.8 | 12.0 | 70.8 | 0.0 | 0. |
| 0.0 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 11.2 | 543.2 | 953.0 | 21.0 | 15.8 | 161.4 | 5.3 | -1.8 | 5.2 | 298.9 | 330.6 | 12.0 | 70.7 | 0.0 | 358. |
| 0.6 | 13.5 | 773.9 | 925.0 | 19.1 | 15.0 | 177.9 | 10.3 | -0.4 | 10.3 | 298.8 | 330.6 | 11.7 | 77.4 | 0.3 | 366. |
| 1.4 | 15.8 | 1011.6 | 903.0 | 18.5 | 13.0 | 187.2 | 14.3 | 1.8 | 14.2 | 308.5 | 328.9 | 10.5 | 70.4 | 0.9 | 355. |
| 2.2 | 16.1 | 1251.9 | 875.0 | 19.1 | 11.4 | 194.9 | 12.8 | 4.8 | 18.2 | 303.6 | 330.3 | 9.7 | 60.9 | 1.7 | 3. |
| 3.0 | 20.5 | 1532.9 | 859.0 | 17.6 | 10.1 | 198.9 | 19.4 | 6.3 | 18.3 | 304.6 | 329.9 | 9.2 | 61.5 | 2.6 | 8. |
| 4.9 | 22.9 | 1757.5 | 825.0 | 15.7 | 7.7 | 198.5 | 15.4 | 4.9 | 14.6 | 305.2 | 327.6 | 8.1 | 59.1 | 3.4 | 11. |
| 6.9 | 25.8 | 2010.5 | 800.0 | 14.8 | 5.5 | 197.0 | 13.2 | 3.9 | 12.6 | 307.0 | 327.1 | 7.1 | 53.5 | 4.2 | 12. |
| 5.7 | 27.9 | 2247.2 | 775.0 | 14.5 | 5.3 | 192.5 | 11.7 | 2.5 | 11.4 | 309.4 | 330.1 | 7.3 | 56.2 | 4.9 | 13. |
| 6.6 | 30.4 | 2531.7 | 750.0 | 12.0 | 3.4 | 188.2 | 9.4 | 1.3 | 9.3 | 309.6 | 328.7 | 6.7 | 54.4 | 5.5 | 13. |
| 7.6 | 33.0 | 2746.7 | 725.0 | 10.4 | 2.2 | 162.4 | 7.2 | -2.2 | 6.9 | 310.9 | 329.0 | 6.2 | 56.8 | 6.0 | 12. |
| 8.6 | 35.6 | 3138.3 | 700.0 | 8.4 | -0.9 | 136.8 | 6.8 | -4.7 | 5.0 | 311.8 | 326.8 | 5.1 | 52.0 | 6.3 | 9. |
| 9.7 | 38.3 | 3437.6 | 675.0 | 5.6 | -3.7 | 121.5 | 6.3 | -5.4 | 3.3 | 312.0 | 324.8 | 4.3 | 51.1 | 6.5 | 6. |
| 10.8 | 41.7 | 3744.6 | 650.0 | 2.3 | -6.2 | 115.8 | 6.2 | -5.6 | 2.7 | 311.5 | 322.6 | 3.7 | 53.3 | 6.6 | 2. |
| 12.0 | 43.9 | 4050.6 | 625.0 | -0.5 | -5.9 | 116.5 | 5.9 | -5.3 | 2.6 | 311.9 | 323.7 | 3.9 | 66.6 | 6.8 | 359. |
| 13.1 | 46.7 | 4345.9 | 608.0 | -3.2 | -6.9 | 107.5 | 3.9 | -3.0 | 1.2 | 312.4 | 323.8 | 3.8 | 75.5 | 7.0 | 356. |
| 14.2 | 49.6 | 4721.4 | 575.0 | -5.8 | -11.4 | 140.3 | 2.5 | -1.6 | 1.9 | 313.2 | 321.7 | 2.8 | 64.6 | 7.0 | 355. |
| 15.4 | 52.4 | 5099.7 | 550.0 | -7.7 | -16.1 | 161.9 | 6.0 | -1.9 | 5.7 | 315.0 | 321.2 | 2.0 | 50.8 | 7.3 | 355. |
| 16.6 | 55.6 | 5432.2 | 525.0 | -8.7 | -25.3 | 155.5 | 6.7 | -2.6 | 5.7 | 318.0 | 321.1 | 0.9 | 24.5 | 7.8 | 354. |
| 17.9 | 59.9 | 5738.1 | 500.0 | -11.6 | -24.1 | 204.9 | 5.6 | 2.4 | 5.1 | 318.7 | 322.3 | 1.1 | 34.9 | 8.1 | 353. |
| 19.4 | 61.9 | 6196.4 | 475.0 | -15.3 | -26.0 | 237.2 | 13.0 | 10.9 | 7.0 | 319.0 | 322.2 | 1.0 | 39.6 | 8.5 | 353. |
| 21.1 | 65.1 | 6502.3 | 450.0 | -18.4 | -21.3 | 237.8 | 24.1 | 20.4 | 12.8 | 320.1 | 325.1 | 1.5 | 77.7 | 9.5 | 6. |
| 22.4 | 68.6 | 7288.5 | 425.0 | -19.7 | -21.8 | 999.9 | 99.9 | 99.9 | 99.9 | 323.7 | 326.9 | 1.6 | 83.2 | 99.9 | 99.9 |
| 23.7 | 72.1 | 7476.7 | 400.0 | -22.9 | -24.6 | 999.9 | 99.9 | 99.9 | 99.9 | 325.3 | 328.6 | 1.3 | 85.7 | 99.9 | 99.9 |
| 24.9 | 75.7 | 7745.9 | 375.0 | -26.5 | -28.3 | 999.9 | 99.9 | 99.9 | 99.9 | 326.6 | 329.9 | 1.0 | 84.4 | 99.9 | 99.9 |
| 26.2 | 79.6 | 8140.7 | 350.0 | -30.3 | -32.4 | 999.9 | 99.9 | 99.9 | 99.9 | 327.9 | 330.4 | 0.7 | 81.6 | 99.9 | 99.9 |
| 27.7 | 83.5 | 8742.9 | 325.0 | -35.1 | -39.0 | 999.9 | 99.9 | 99.9 | 99.9 | 328.3 | 329.7 | 0.4 | 67.1 | 99.9 | 99.9 |
| 29.4 | 87.7 | 9515.2 | 300.0 | -40.0 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 329.0 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 31.3 | 92.9 | 10107.2 | 275.0 | -45.5 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 329.4 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 32.9 | 96.5 | 10730.5 | 250.0 | -51.0 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 330.2 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 35.0 | 101.4 | 11407.6 | 225.0 | -56.6 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 331.1 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 37.4 | 106.9 | 12147.8 | 200.0 | -60.1 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 337.6 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 40.2 | 112.5 | 12980.1 | 175.0 | -59.2 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 352.2 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 43.0 | 118.9 | 12466.1 | 150.0 | -60.2 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 37.4 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 46.4 | 125.8 | 13269.2 | 125.0 | -64.1 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 3.0 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 49.9 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 50.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 52.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 59.9 | 99.9 | 99.9 | 25.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 14 DEG
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 1
ABILEE, TEXAS
19 APRIL 1979
1705 GMT

| TIME 41N | CNTCT | HEIGHT GPN | PRES MB | TEMP 5 C | DEW PT 5 C | DIR DG | SPEED M/SEC | COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|-------------|---------------|-----------|----------------|---------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 000 | 11.0 | 517.0 | 952.0 | 23.5 | 16.3 | 150.0 | 9.3 | -3.2 | 8.7 | 300.9 | 334.0 | 12.4 | 64.0 | 0.0 | 0. |
| 000 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 001 | 11.2 | 555.4 | 950.0 | 23.2 | 16.0 | 156.2 | 9.1 | -3.7 | 8.4 | 300.7 | 333.3 | 12.2 | 64.1 | 0.1 | 356. |
| 001 | 13.6 | 747.4 | 925.0 | 20.6 | 14.6 | 156.8 | 8.1 | -3.2 | 7.4 | 300.4 | 330.9 | 11.4 | 68.2 | 0.5 | 332. |
| 001 | 16.1 | 1224.1 | 900.0 | 19.4 | 15.0 | 179.4 | 10.5 | -0.1 | 10.5 | 301.6 | 333.8 | 12.0 | 75.3 | 1.0 | 340. |
| 001 | 18.5 | 1766.2 | 875.0 | 17.5 | 13.4 | 188.2 | 13.7 | 2.0 | 13.6 | 302.0 | 332.2 | 11.2 | 77.2 | 1.5 | 349. |
| 001 | 21.0 | 1513.7 | 850.0 | 15.4 | 12.3 | 200.0 | 15.4 | 5.3 | 14.5 | 302.3 | 331.2 | 10.7 | 81.4 | 2.2 | 359. |
| 001 | 23.5 | 1767.7 | 825.0 | 15.2 | 8.2 | 210.4 | 13.0 | 6.6 | 11.2 | 304.7 | 327.8 | 8.3 | 62.6 | 3.0 | 6. |
| 001 | 26.2 | 2328.1 | 800.0 | 14.0 | 6.0 | 221.7 | 12.7 | 8.4 | 9.5 | 306.1 | 326.5 | 7.4 | 58.5 | 3.7 | 12. |
| 001 | 28.7 | 2596.0 | 775.0 | 13.1 | 4.3 | 228.1 | 11.5 | 8.5 | 7.7 | 307.9 | 327.2 | 6.8 | 55.1 | 4.4 | 17. |
| 001 | 31.3 | 2570.7 | 750.0 | 10.4 | 2.0 | 227.3 | 8.9 | 6.5 | 6.0 | 307.9 | 324.9 | 5.9 | 55.7 | 4.9 | 21. |
| 001 | 34.0 | 2552.4 | 725.0 | 8.4 | 1.1 | 210.9 | 6.3 | 3.3 | 5.4 | 309.1 | 325.7 | 5.7 | 58.5 | 5.2 | 23. |
| 001 | 36.8 | 3142.1 | 700.0 | 6.7 | 0.1 | 182.4 | 7.1 | 0.3 | 7.1 | 309.9 | 325.9 | 5.5 | 62.7 | 5.6 | 22. |
| 001 | 39.4 | 3440.4 | 675.0 | 4.9 | -1.0 | 165.9 | 9.7 | -2.4 | 9.4 | 311.1 | 326.5 | 5.3 | 65.5 | 6.1 | 20. |
| 001 | 42.3 | 3747.4 | 650.0 | 2.7 | -6.8 | 148.9 | 9.4 | -4.9 | 8.1 | 312.0 | 322.7 | 3.6 | 49.8 | 6.6 | 16. |
| 001 | 45.2 | 4263.9 | 625.0 | 0.6 | -7.0 | 130.5 | 7.9 | -6.0 | 5.2 | 313.1 | 324.1 | 3.6 | 56.7 | 6.9 | 11. |
| 001 | 48.1 | 4389.7 | 600.0 | -2.6 | -9.1 | 131.0 | 7.2 | -5.4 | 4.7 | 313.2 | 322.9 | 3.2 | 60.6 | 7.2 | 8. |
| 001 | 51.1 | 4725.6 | 575.0 | -5.2 | -12.4 | 149.8 | 8.1 | -6.1 | 7.0 | 313.9 | 321.8 | 2.6 | 57.0 | 7.5 | 5. |
| 001 | 54.3 | 5374.3 | 550.0 | -6.2 | -20.3 | 153.2 | 11.6 | -3.4 | 11.1 | 316.7 | 321.2 | 1.4 | 31.8 | 8.2 | 2. |
| 001 | 57.3 | 5436.7 | 525.0 | -8.9 | -21.1 | 161.4 | 14.1 | -4.5 | 13.4 | 317.8 | 322.2 | 1.4 | 37.1 | 9.3 | 0. |
| 001 | 60.5 | 5311.7 | 500.0 | -12.9 | -20.7 | 154.9 | 13.7 | -5.8 | 12.4 | 317.3 | 322.1 | 1.5 | 51.7 | 10.2 | 358. |
| 001 | 63.3 | 6200.3 | 475.0 | -16.2 | -19.0 | 169.0 | 12.6 | -2.4 | 12.3 | 318.0 | 323.8 | 1.8 | 79.7 | 11.2 | 350. |
| 001 | 67.1 | 6607.4 | 450.0 | -16.8 | -17.7 | 205.9 | 10.0 | 4.4 | 9.0 | 322.2 | 329.0 | 2.1 | 92.1 | 12.1 | 357. |
| 001 | 70.7 | 7034.7 | 425.0 | -13.3 | -20.9 | 225.2 | 9.5 | 6.7 | 6.7 | 324.3 | 329.8 | 1.7 | 85.7 | 12.7 | 352. |
| 001 | 74.7 | 7492.4 | 400.0 | -23.1 | -25.1 | 221.9 | 10.1 | 6.7 | 7.5 | 325.0 | 329.2 | 1.2 | 83.6 | 13.3 | 2. |
| 001 | 78.0 | 7752.5 | 375.0 | -26.0 | -29.3 | 224.4 | 10.8 | 7.5 | 7.7 | 327.2 | 330.2 | 0.9 | 74.0 | 14.0 | 4. |
| 001 | 81.9 | 8447.9 | 350.0 | -30.1 | -34.5 | 219.1 | 11.2 | 7.0 | 8.7 | 328.1 | 330.2 | 0.6 | 65.3 | 14.9 | 7. |
| 001 | 85.9 | 8970.9 | 325.0 | -34.6 | -40.0 | 221.3 | 13.0 | 8.6 | 9.7 | 329.0 | 330.3 | 0.4 | 57.4 | 16.1 | 10. |
| 001 | 90.2 | 9524.8 | 300.0 | -39.3 | -49.9 | 226.1 | 15.5 | 11.2 | 10.8 | 330.0 | 999.9 | 99.9 | 99.9 | 17.4 | 12. |
| 001 | 94.4 | 10113.9 | 275.0 | -44.4 | -50.7 | 232.9 | 15.3 | 12.2 | 9.2 | 331.0 | 999.9 | 99.9 | 99.9 | 18.9 | 16. |
| 001 | 99.2 | 10743.6 | 250.0 | -50.7 | -50.9 | 228.3 | 17.9 | 13.3 | 11.9 | 330.7 | 999.9 | 99.9 | 99.9 | 20.6 | 19. |
| 001 | 104.2 | 11422.3 | 225.0 | -55.5 | -59.9 | 226.7 | 22.4 | 16.3 | 15.4 | 333.5 | 999.9 | 99.9 | 99.9 | 22.9 | 22. |
| 001 | 109.6 | 12168.3 | 200.0 | -58.9 | -59.9 | 234.1 | 24.7 | 20.0 | 14.5 | 339.5 | 999.9 | 99.9 | 99.9 | 26.2 | 28. |
| 001 | 115.5 | 13006.1 | 175.0 | -59.7 | -59.9 | 247.3 | 24.9 | 23.0 | 9.6 | 353.1 | 999.9 | 99.9 | 99.9 | 29.7 | 30. |
| 001 | 121.4 | 13975.2 | 150.0 | -59.9 | -59.9 | 245.0 | 21.1 | 19.1 | 8.9 | 368.7 | 999.9 | 99.9 | 99.9 | 33.1 | 35. |
| 001 | 129.0 | 15107.4 | 125.0 | -62.5 | -59.9 | 99.9 | 99.9 | 99.9 | 99.9 | 381.9 | 999.9 | 99.9 | 99.9 | 37.4 | 39. |
| 001 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 001 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 001 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 001 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 1
ABILENE, TEXAS
19 APRIL 1979
2005 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | UEW PT DG C | OIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 11.1 | 537.0 | 950.6 | 27.4 | 16.4 | 180.0 | 6.7 | 0.0 | 6.7 | 304.9 | 338.8 | 12.4 | 51.0 | 0.0 | 0. |
| 0.3 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.3 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.3 | 11.2 | 582.6 | 950.0 | 27.2 | 16.4 | 179.8 | 6.8 | -0.0 | 6.8 | 304.8 | 338.7 | 12.4 | 51.5 | 0.0 | 360. |
| 1.3 | 13.5 | 776.9 | 925.0 | 23.0 | 15.3 | 179.0 | 8.9 | -0.2 | 8.9 | 302.8 | 335.1 | 11.9 | 61.9 | 0.7 | 356. |
| 2.4 | 15.9 | 1215.2 | 900.0 | 20.9 | 14.7 | 180.0 | 9.8 | -0.0 | 9.8 | 303.1 | 335.1 | 11.8 | 67.6 | 1.3 | 357. |
| 3.4 | 18.4 | 1258.7 | 875.0 | 18.8 | 13.0 | 191.0 | 9.7 | 1.8 | 9.5 | 303.3 | 332.8 | 10.8 | 69.0 | 1.9 | 359. |
| 4.4 | 23.9 | 1507.2 | 850.0 | 16.9 | 11.4 | 210.3 | 8.4 | 4.3 | 7.3 | 303.9 | 331.5 | 10.1 | 70.2 | 2.4 | 4. |
| 5.1 | 23.4 | 1751.3 | 825.0 | 15.4 | 6.9 | 227.5 | 8.4 | 6.2 | 5.7 | 304.8 | 328.1 | 7.6 | 55.9 | 2.7 | 9. |
| 5.9 | 25.8 | 2022.3 | 800.0 | 14.6 | 6.5 | 236.3 | 8.1 | 6.7 | 4.5 | 306.7 | 328.1 | 7.6 | 58.4 | 3.0 | 14. |
| 6.4 | 24.3 | 2093.9 | 775.0 | 12.3 | 4.7 | 233.4 | 7.2 | 5.8 | 4.3 | 307.1 | 326.7 | 6.9 | 59.6 | 3.3 | 19. |
| 7.8 | 31.0 | 2564.1 | 750.0 | 10.4 | 3.2 | 229.7 | 7.6 | 5.8 | 4.9 | 307.9 | 326.4 | 6.5 | 60.9 | 3.7 | 22. |
| 8.3 | 33.6 | 2346.0 | 725.0 | 9.3 | 2.4 | 228.9 | 7.8 | 5.9 | 5.1 | 308.5 | 326.6 | 6.3 | 66.7 | 4.1 | 25. |
| 9.9 | 35.2 | 3135.1 | 700.0 | 6.0 | 1.8 | 219.3 | 7.9 | 5.0 | 6.1 | 309.1 | 327.0 | 6.3 | 74.6 | 4.6 | 28. |
| 11.0 | 39.0 | 3432.5 | 675.0 | 4.4 | 0.7 | 193.0 | 8.2 | 1.8 | 8.0 | 310.6 | 328.0 | 6.0 | 76.7 | 5.1 | 28. |
| 12.1 | 41.8 | 3739.3 | 650.0 | 2.2 | 0.7 | 172.7 | 10.0 | -1.3 | 9.9 | 311.4 | 329.5 | 6.2 | 90.1 | 5.6 | 25. |
| 13.2 | 44.6 | 4055.3 | 625.0 | 0.1 | -4.1 | 163.2 | 12.3 | -3.6 | 11.7 | 312.6 | 326.1 | 4.6 | 73.8 | 6.2 | 21. |
| 14.4 | 47.4 | 4351.5 | 600.0 | -1.9 | -0.2 | 159.4 | 12.1 | -4.3 | 11.3 | 313.9 | 323.6 | 3.2 | 57.7 | 6.9 | 16. |
| 15.4 | 53.4 | 4719.2 | 575.0 | -5.0 | -11.7 | 162.3 | 12.2 | -3.7 | 11.6 | 314.1 | 322.5 | 2.7 | 59.1 | 7.6 | 12. |
| 16.7 | 53.4 | 5066.2 | 550.0 | -7.8 | -10.7 | 168.5 | 13.5 | -2.7 | 13.3 | 314.9 | 324.3 | 3.1 | 79.2 | 8.4 | 10. |
| 19.0 | 58.5 | 5827.4 | 525.0 | -9.9 | -14.5 | 169.3 | 13.1 | -2.4 | 12.8 | 317.7 | 325.2 | 2.4 | 66.1 | 9.4 | 7. |
| 19.4 | 59.6 | 5974.3 | 500.0 | -12.9 | -15.3 | 185.2 | 11.5 | 1.0 | 11.5 | 319.8 | 327.1 | 2.3 | 69.7 | 10.6 | 6. |
| 21.1 | 62.9 | 6197.0 | 475.0 | -13.4 | -16.6 | 201.7 | 10.4 | 3.8 | 9.7 | 321.4 | 328.4 | 2.2 | 77.0 | 11.5 | 7. |
| 22.6 | 65.1 | 6406.6 | 450.0 | -16.0 | -18.2 | 211.7 | 7.3 | 3.8 | 6.2 | 323.2 | 329.7 | 2.0 | 82.8 | 12.3 | 8. |
| 24.0 | 69.6 | 7034.8 | 425.0 | -19.0 | -21.7 | 215.1 | 7.3 | 4.2 | 6.0 | 324.7 | 329.9 | 1.6 | 75.9 | 12.8 | 9. |
| 25.4 | 73.1 | 7484.0 | 400.0 | -21.6 | -26.8 | 215.9 | 9.6 | 5.7 | 7.8 | 326.9 | 330.5 | 1.1 | 62.8 | 13.5 | 10. |
| 27.1 | 76.8 | 7955.4 | 375.0 | -26.2 | -29.8 | 216.0 | 11.7 | 6.9 | 9.5 | 326.9 | 329.9 | 0.8 | 71.0 | 14.4 | 12. |
| 29.9 | 80.6 | 8451.3 | 350.0 | -30.2 | -35.5 | 212.2 | 11.9 | 6.3 | 10.0 | 328.1 | 329.9 | 0.5 | 59.5 | 15.5 | 14. |
| 30.5 | 84.5 | 8974.7 | 325.0 | -33.9 | -40.0 | 209.8 | 11.4 | 5.7 | 9.9 | 330.0 | 331.3 | 0.4 | 53.6 | 16.7 | 15. |
| 32.4 | 89.7 | 9530.1 | 300.0 | -38.6 | -46.0 | 218.2 | 11.0 | 6.8 | 8.7 | 331.0 | 331.7 | 0.2 | 45.0 | 17.9 | 16. |
| 34.5 | 93.2 | 10120.7 | 275.0 | -44.3 | 99.9 | 214.9 | 12.5 | 7.1 | 10.2 | 331.1 | 999.9 | 99.9 | 999.9 | 19.2 | 18. |
| 36.6 | 97.8 | 10751.4 | 250.0 | -49.9 | 99.9 | 220.7 | 17.3 | 11.3 | 13.1 | 331.9 | 999.9 | 99.9 | 999.9 | 21.0 | 19. |
| 38.4 | 102.4 | 11435.0 | 225.0 | -53.4 | 99.9 | 234.7 | 17.6 | 14.4 | 10.2 | 336.6 | 999.9 | 99.9 | 999.9 | 23.3 | 22. |
| 41.3 | 108.0 | 12183.8 | 200.0 | -54.3 | 99.9 | 233.9 | 20.3 | 16.4 | 12.0 | 340.5 | 999.9 | 99.9 | 999.9 | 25.5 | 26. |
| 43.4 | 113.8 | 13322.7 | 175.0 | -50.4 | 99.9 | 239.2 | 20.7 | 17.8 | 10.6 | 351.9 | 999.9 | 99.9 | 999.9 | 28.2 | 29. |
| 46.4 | 120.0 | 15091.8 | 150.0 | -58.1 | 99.9 | 243.4 | 19.9 | 17.8 | 8.9 | 370.0 | 999.9 | 99.9 | 999.9 | 31.1 | 33. |
| 50.2 | 127.0 | 15127.9 | 125.0 | -61.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 383.0 | 999.9 | 99.9 | 999.9 | 35.5 | 36. |
| 99.9 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 1
ABILENE, TEXAS
19 APRIL 1979
2305 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | J COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | WZ MTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 11.3 | 537.0 | 999.6 | 26.0 | 15.1 | 160.0 | 5.1 | -1.7 | 4.8 | 303.7 | 334.9 | 11.5 | 51.0 | 0.0 | 0.0 |
| 00.0 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.0 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.0 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 01.0 | 13.5 | 759.4 | 925.0 | 23.5 | 15.3 | 163.7 | 5.8 | -1.6 | 5.6 | 303.3 | 335.7 | 11.9 | 60.0 | 0.2 | 339.0 |
| 01.0 | 16.1 | 997.3 | 902.0 | 21.7 | 13.9 | 171.9 | 7.3 | -1.0 | 7.2 | 303.9 | 334.5 | 11.2 | 61.1 | 0.5 | 345.0 |
| 01.0 | 18.7 | 1241.4 | 875.0 | 20.7 | 7.7 | 182.4 | 5.3 | 0.2 | 5.3 | 305.3 | 326.5 | 11.6 | 42.8 | 0.9 | 349.0 |
| 01.0 | 21.2 | 1491.6 | 850.0 | 19.8 | 7.2 | 193.0 | 4.4 | 1.0 | 4.3 | 306.9 | 328.2 | 7.6 | 44.0 | 1.1 | 354.0 |
| 01.0 | 23.9 | 1749.1 | 825.0 | 18.0 | 6.1 | 205.2 | 5.5 | 2.4 | 5.0 | 307.7 | 328.0 | 7.2 | 45.4 | 1.4 | 359.0 |
| 01.0 | 26.4 | 2110.6 | 800.0 | 15.8 | 4.7 | 208.9 | 6.1 | 2.9 | 5.3 | 308.0 | 327.2 | 6.7 | 47.7 | 1.7 | 364.0 |
| 01.0 | 29.0 | 2270.4 | 775.0 | 14.1 | 4.2 | 999.9 | 99.9 | 99.9 | 99.9 | 308.9 | 328.1 | 6.7 | 51.5 | 2.1 | 369.0 |
| 01.0 | 31.7 | 2555.3 | 750.0 | 11.8 | 2.6 | 999.9 | 99.9 | 99.9 | 99.9 | 309.4 | 327.2 | 6.2 | 53.3 | 2.5 | 374.0 |
| 01.0 | 34.4 | 2934.5 | 725.0 | 9.8 | 1.9 | 999.9 | 99.9 | 99.9 | 99.9 | 310.2 | 327.7 | 6.1 | 57.9 | 2.9 | 379.0 |
| 01.0 | 37.1 | 3128.7 | 700.0 | 6.5 | 0.8 | 999.9 | 99.9 | 99.9 | 99.9 | 309.7 | 326.4 | 5.8 | 66.8 | 3.3 | 384.0 |
| 01.0 | 40.0 | 3425.8 | 675.0 | 3.6 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 309.6 | 999.9 | 99.9 | 999.9 | 3.3 | 389.0 |
| 01.0 | 42.0 | 3730.3 | 650.0 | 0.4 | 99.9 | 194.6 | 7.3 | 1.8 | 7.1 | 309.4 | 999.9 | 99.9 | 999.9 | 4.3 | 394.0 |
| 01.0 | 45.9 | 4044.5 | 625.0 | -2.1 | 99.9 | 213.4 | 8.2 | 4.5 | 6.8 | 312.6 | 999.9 | 99.9 | 999.9 | 4.8 | 399.0 |
| 01.0 | 48.8 | 4371.4 | 600.0 | -4.5 | -5.5 | 231.6 | 8.8 | 6.9 | 5.5 | 314.4 | 327.1 | 4.2 | 73.8 | 5.4 | 404.0 |
| 01.0 | 51.9 | 4738.7 | 575.0 | -6.2 | -6.2 | 241.2 | 9.3 | 8.1 | 4.5 | 315.0 | 999.9 | 99.9 | 999.9 | 5.9 | 409.0 |
| 01.0 | 55.0 | 5057.4 | 550.0 | -8.9 | -8.9 | 254.3 | 10.1 | 9.8 | 2.7 | 317.1 | 999.9 | 99.9 | 999.9 | 6.4 | 414.0 |
| 01.0 | 58.1 | 5420.8 | 525.0 | -11.2 | -11.5 | 254.3 | 10.1 | 9.8 | 2.7 | 318.5 | 327.9 | 3.0 | 77.3 | 6.8 | 419.0 |
| 01.0 | 61.4 | 5799.1 | 500.0 | -13.5 | -15.9 | 243.1 | 11.2 | 10.0 | 5.1 | 321.5 | 328.6 | 2.2 | 59.4 | 7.6 | 424.0 |
| 01.0 | 64.7 | 6173.7 | 475.0 | -15.4 | -19.9 | 241.7 | 9.2 | 8.1 | 4.4 | 322.7 | 328.5 | 1.6 | 57.9 | 8.4 | 429.0 |
| 01.0 | 68.1 | 6604.9 | 450.0 | -17.5 | -21.0 | 233.6 | 7.3 | 5.9 | 4.3 | 323.7 | 328.9 | 1.6 | 62.8 | 9.1 | 434.0 |
| 01.0 | 71.7 | 7033.8 | 425.0 | -19.7 | -23.7 | 219.7 | 8.5 | 5.3 | 6.6 | 325.0 | 329.5 | 1.3 | 64.2 | 9.7 | 439.0 |
| 01.0 | 75.3 | 7453.5 | 400.0 | -22.0 | -27.5 | 208.8 | 9.1 | 4.4 | 8.0 | 326.5 | 329.9 | 1.0 | 60.8 | 10.4 | 444.0 |
| 01.0 | 79.0 | 7954.9 | 375.0 | -25.5 | -32.4 | 195.4 | 9.6 | 2.5 | 9.2 | 327.9 | 330.2 | 0.7 | 52.0 | 11.2 | 449.0 |
| 01.0 | 83.0 | 8451.5 | 350.0 | -27.7 | -36.5 | 203.8 | 11.1 | 4.5 | 10.2 | 328.7 | 330.4 | 0.5 | 51.6 | 12.3 | 454.0 |
| 01.0 | 87.0 | 8975.2 | 325.0 | -34.4 | -38.8 | 209.6 | 10.0 | 4.9 | 6.7 | 329.3 | 330.8 | 0.4 | 63.9 | 13.4 | 459.0 |
| 01.0 | 91.3 | 9530.0 | 300.0 | -39.2 | -44.9 | 204.1 | 11.7 | 4.8 | 10.7 | 330.1 | 999.9 | 99.9 | 999.9 | 14.6 | 464.0 |
| 01.0 | 95.7 | 10120.5 | 275.0 | -43.8 | -49.9 | 202.7 | 13.3 | 5.1 | 12.3 | 331.9 | 999.9 | 99.9 | 999.9 | 16.0 | 469.0 |
| 01.0 | 100.4 | 10754.9 | 250.0 | -49.2 | -54.2 | 217.5 | 14.6 | 8.9 | 11.6 | 334.5 | 999.9 | 99.9 | 999.9 | 17.7 | 474.0 |
| 01.0 | 105.4 | 11440.8 | 225.0 | -54.1 | -59.1 | 229.9 | 19.2 | 14.7 | 12.3 | 335.6 | 999.9 | 99.9 | 999.9 | 20.2 | 479.0 |
| 01.0 | 110.4 | 12149.9 | 200.0 | -59.2 | -64.2 | 221.6 | 19.9 | 13.2 | 14.9 | 340.7 | 999.9 | 99.9 | 999.9 | 22.6 | 484.0 |
| 01.0 | 115.4 | 13029.1 | 175.0 | -59.2 | -64.2 | 226.3 | 19.7 | 14.2 | 13.6 | 352.3 | 999.9 | 99.9 | 999.9 | 25.9 | 489.0 |
| 01.0 | 120.4 | 13941.9 | 150.0 | -59.6 | -64.2 | 999.9 | 99.9 | 99.9 | 99.9 | 367.5 | 999.9 | 99.9 | 999.9 | 29.7 | 494.0 |
| 01.0 | 125.0 | 99.9 | 125.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 01.0 | 130.0 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 01.0 | 135.0 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 01.0 | 140.0 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 01.0 | 145.0 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 1
ABILENE, TEXAS

20 APRIL 1979
505 GM1

| TIME MIN | CUTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | WX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.2 | 11.7 | 537.0 | 949.8 | 20.5 | 17.3 | 130.0 | 6.7 | -5.1 | 4.3 | 299.0 | 332.9 | 13.3 | 82.9 | 0.0 | 0. |
| 99.3 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.7 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 1.2 | 14.1 | 765.7 | 925.0 | 20.8 | 16.5 | 141.9 | 14.8 | -9.2 | 11.7 | 300.6 | 335.8 | 13.2 | 78.0 | 0.7 | 316. |
| 1.3 | 14.4 | 1023.4 | 901.0 | 20.2 | 14.6 | 149.4 | 13.7 | -7.0 | 11.8 | 302.4 | 334.1 | 11.7 | 70.1 | 1.6 | 321. |
| 2.7 | 17.1 | 1245.6 | 875.0 | 19.1 | 13.1 | 165.7 | 9.1 | -2.3 | 8.8 | 303.6 | 333.3 | 10.9 | 68.2 | 2.0 | 326. |
| 3.4 | 21.6 | 1476.1 | 850.0 | 17.8 | 12.4 | 170.5 | 8.5 | -1.4 | 6.4 | 304.8 | 334.2 | 10.7 | 70.7 | 2.4 | 332. |
| 4.4 | 24.2 | 1750.8 | 825.0 | 15.4 | 11.6 | 188.6 | 6.5 | 1.0 | 6.4 | 304.8 | 333.7 | 10.5 | 78.4 | 2.8 | 334. |
| 5.2 | 26.3 | 2211.5 | 800.0 | 14.2 | 6.2 | 228.9 | 3.1 | 2.3 | 2.0 | 306.3 | 327.4 | 7.5 | 58.7 | 3.0 | 338. |
| 6.4 | 29.6 | 2279.7 | 775.0 | 13.4 | 5.2 | 247.4 | 1.7 | 1.6 | 0.7 | 308.2 | 328.6 | 7.2 | 57.5 | 3.0 | 340. |
| 7.5 | 32.2 | 2554.5 | 750.0 | 12.5 | 3.7 | 268.4 | 4.6 | 4.6 | 0.1 | 308.0 | 327.0 | 6.7 | 62.4 | 3.0 | 342. |
| 8.4 | 35.0 | 2336.0 | 725.0 | 8.4 | 0.8 | 278.2 | 5.4 | 5.3 | -0.8 | 308.7 | 324.8 | 5.6 | 59.7 | 2.9 | 348. |
| 9.3 | 37.8 | 3125.4 | 700.0 | 6.0 | 0.1 | 281.0 | 6.0 | 5.9 | -1.1 | 309.1 | 325.1 | 5.5 | 65.7 | 2.8 | 354. |
| 10.3 | 40.6 | 3422.3 | 675.0 | 3.8 | -2.5 | 284.1 | 6.5 | 6.3 | -1.6 | 309.9 | 323.7 | 4.7 | 63.7 | 2.7 | 2. |
| 11.5 | 43.4 | 3727.7 | 650.0 | 0.7 | -3.7 | 285.5 | 5.8 | 5.6 | -1.5 | 309.8 | 323.0 | 4.5 | 72.6 | 2.6 | 12. |
| 12.7 | 45.3 | 4041.5 | 625.0 | -2.1 | -6.2 | 287.6 | 6.4 | 6.1 | -1.9 | 310.1 | 321.6 | 3.9 | 73.6 | 2.6 | 20. |
| 13.7 | 47.3 | 4365.0 | 600.0 | -3.9 | -10.1 | 292.3 | 7.3 | 6.7 | -2.8 | 311.6 | 320.5 | 2.9 | 61.8 | 2.7 | 30. |
| 15.1 | 52.3 | 4699.4 | 575.0 | -6.0 | -28.6 | 295.3 | 9.1 | 8.3 | -3.9 | 313.0 | 315.1 | 0.6 | 15.2 | 2.8 | 42. |
| 16.4 | 55.3 | 5247.9 | 550.0 | -4.6 | -32.2 | 287.9 | 9.2 | 8.8 | -2.8 | 316.3 | 317.9 | 0.5 | 11.0 | 3.1 | 56. |
| 17.7 | 59.5 | 5479.1 | 525.0 | -7.6 | -27.8 | 277.7 | 9.2 | 9.2 | -1.2 | 316.9 | 319.4 | 0.7 | 21.1 | 3.6 | 64. |
| 18.3 | 61.7 | 5784.4 | 500.0 | -11.4 | -34.5 | 271.7 | 9.7 | 9.7 | -0.3 | 318.7 | 319.6 | 0.3 | 8.7 | 4.2 | 68. |
| 20.1 | 65.0 | 6175.2 | 475.0 | -14.5 | -27.3 | 275.4 | 10.1 | 10.0 | -1.0 | 320.1 | 323.0 | 0.9 | 32.6 | 4.9 | 72. |
| 21.5 | 68.4 | 6542.5 | 450.0 | -19.0 | -29.0 | 270.1 | 9.7 | 9.7 | -0.0 | 320.7 | 323.5 | 0.9 | 41.2 | 5.7 | 75. |
| 22.7 | 71.9 | 7007.4 | 425.0 | -21.0 | -25.1 | 255.1 | 9.9 | 9.5 | 2.3 | 322.1 | 326.0 | 1.2 | 69.1 | 6.5 | 76. |
| 24.5 | 75.6 | 7454.0 | 400.0 | -23.1 | -33.1 | 248.8 | 10.1 | 9.4 | 3.6 | 325.0 | 327.0 | 0.6 | 39.3 | 7.5 | 75. |
| 26.3 | 79.3 | 7923.9 | 375.0 | -26.0 | -35.8 | 232.9 | 9.9 | 7.9 | 6.0 | 327.2 | 328.9 | 0.5 | 35.8 | 8.3 | 74. |
| 27.7 | 83.2 | 8419.0 | 350.0 | -30.5 | -42.4 | 233.7 | 10.5 | 6.5 | 6.2 | 327.7 | 328.6 | 0.3 | 30.0 | 9.3 | 71. |
| 29.4 | 87.2 | 8943.4 | 325.0 | -35.5 | -41.5 | 221.3 | 11.2 | 7.4 | 8.4 | 327.7 | 328.8 | 0.3 | 51.0 | 10.3 | 69. |
| 31.4 | 91.5 | 9492.0 | 300.0 | -39.8 | 99.9 | 210.2 | 13.7 | 6.9 | 11.8 | 329.3 | 999.9 | 99.9 | 999.9 | 11.5 | 65. |
| 33.4 | 96.0 | 10081.7 | 275.0 | -43.4 | 99.9 | 212.1 | 20.9 | 11.1 | 17.7 | 332.4 | 999.9 | 99.9 | 999.9 | 13.1 | 60. |
| 35.2 | 100.4 | 10717.0 | 250.0 | -48.2 | 99.9 | 208.7 | 22.9 | 11.0 | 20.1 | 334.4 | 999.9 | 99.9 | 999.9 | 15.6 | 56. |
| 37.3 | 105.6 | 11400.7 | 225.0 | -54.5 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 335.0 | 999.9 | 99.9 | 999.9 | 17.8 | 51. |
| 39.5 | 111.0 | 12143.9 | 200.0 | -60.5 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 336.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 42.1 | 116.8 | 12974.7 | 175.0 | -60.3 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 350.4 | 999.9 | 99.9 | 999.9 | 24.1 | 44. |
| 45.3 | 123.3 | 13937.4 | 150.0 | -60.8 | 99.9 | 248.5 | 18.4 | 17.1 | 6.7 | 365.4 | 999.9 | 99.9 | 999.9 | 26.4 | 46. |
| 49.2 | 130.3 | 15067.5 | 125.0 | -62.3 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 382.3 | 999.9 | 99.9 | 999.9 | 32.4 | 49. |
| 99.7 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 1
ABILENE, TEXAS

20 APRIL 1979
805 GMT

| TIME MIN | CNCT | WEIGHT GPM | PRES MB | TEMP C | DEW PT C | DIR DG | SPEED M/SEC | J COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MY RTD GPM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|-----------|-------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|------------------|-----------|-------------|----------|
| 9.7 | 11.2 | 537.0 | 949.4 | 19.9 | 17.9 | 150.0 | 7.7 | -1.9 | 6.7 | 297.4 | 313.4 | 13.7 | 88.0 | 0.0 | 0 |
| 97.3 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.3 | 13.5 | 750.8 | 925.0 | 17.0 | 16.1 | 154.2 | 15.0 | -6.5 | 13.5 | 296.7 | 329.8 | 12.6 | 94.6 | 0.5 | 329.8 |
| 1.5 | 15.9 | 724.9 | 902.0 | 16.5 | 15.6 | 167.8 | 14.7 | -3.1 | 14.4 | 298.5 | 331.6 | 12.5 | 94.6 | 1.2 | 331.6 |
| 2.4 | 18.3 | 1216.1 | 875.0 | 17.5 | 13.8 | 173.6 | 12.4 | -1.4 | 12.4 | 302.0 | 332.9 | 11.4 | 78.8 | 1.9 | 342.9 |
| 3.1 | 27.7 | 1444.1 | 852.0 | 16.6 | 12.0 | 999.9 | 99.9 | 99.9 | 99.9 | 303.6 | 332.2 | 10.5 | 74.2 | 2.5 | 344.2 |
| 4.1 | 23.2 | 1738.5 | 825.0 | 15.9 | 5.7 | 999.9 | 99.9 | 99.9 | 99.9 | 305.5 | 325.3 | 7.1 | 51.0 | 999.9 | 999.9 |
| 5.1 | 25.7 | 1399.8 | 802.0 | 15.6 | 0.3 | 999.9 | 99.9 | 99.9 | 99.9 | 307.8 | 322.0 | 4.9 | 35.0 | 999.9 | 999.9 |
| 6.1 | 23.2 | 2748.9 | 775.0 | 15.2 | -1.7 | 999.9 | 99.9 | 99.9 | 99.9 | 310.1 | 323.0 | 4.3 | 31.3 | 999.9 | 999.9 |
| 7.1 | 19.9 | 2545.3 | 750.0 | 12.4 | -5.6 | 999.9 | 99.9 | 99.9 | 99.9 | 310.1 | 320.1 | 3.4 | 28.0 | 999.9 | 999.9 |
| 8.1 | 33.3 | 2428.4 | 725.0 | 10.4 | -8.0 | 327.6 | 4.7 | 2.5 | -3.9 | 310.9 | 310.7 | 2.9 | 26.4 | 3.2 | 356.4 |
| 9.4 | 36.0 | 3119.8 | 700.0 | 7.8 | -9.8 | 324.4 | 6.1 | 3.6 | -5.0 | 311.2 | 319.7 | 2.6 | 29.6 | 2.9 | 360.6 |
| 10.5 | 33.7 | 3417.3 | 675.0 | 4.4 | -6.9 | 315.5 | 6.7 | 4.7 | -4.8 | 310.5 | 320.7 | 3.4 | 43.8 | 2.5 | 6.5 |
| 11.5 | 41.4 | 3223.0 | 650.0 | 1.9 | -9.4 | 312.0 | 7.8 | 5.8 | -5.2 | 311.1 | 320.5 | 3.1 | 46.2 | 2.3 | 15.2 |
| 12.7 | 48.2 | 4239.0 | 625.0 | -1.0 | -9.4 | 312.4 | 8.7 | 6.4 | -5.9 | 311.4 | 320.4 | 3.0 | 52.7 | 2.1 | 29.7 |
| 14.0 | 47.1 | 4561.7 | 600.0 | -4.7 | -23.0 | 315.8 | 7.9 | 5.5 | -5.6 | 310.7 | 314.3 | 1.1 | 25.2 | 2.1 | 47.1 |
| 15.2 | 53.0 | 4497.2 | 575.0 | -3.5 | -32.2 | 320.5 | 7.2 | 4.6 | -5.5 | 315.9 | 316.1 | 0.1 | 1.0 | 2.1 | 62.1 |
| 16.4 | 53.0 | 5247.0 | 550.0 | -6.1 | -53.9 | 317.5 | 8.6 | 5.8 | -5.4 | 316.8 | 317.0 | 0.0 | 1.0 | 2.3 | 76.1 |
| 17.7 | 55.0 | 5439.3 | 525.0 | -3.3 | -40.3 | 310.0 | 8.2 | 6.3 | -5.3 | 318.4 | 313.2 | 0.3 | 5.5 | 2.7 | 84.1 |
| 19.1 | 57.1 | 5785.1 | 500.0 | -12.2 | -37.2 | 304.7 | 6.6 | 5.4 | -3.8 | 318.1 | 319.2 | 0.3 | 10.3 | 3.2 | 95.1 |
| 20.5 | 62.4 | 6174.8 | 475.0 | -15.4 | -44.7 | 299.2 | 6.6 | 5.4 | -3.1 | 318.9 | 319.5 | 0.1 | 6.2 | 3.7 | 99.1 |
| 21.9 | 65.5 | 6590.1 | 450.0 | -19.0 | -42.9 | 302.4 | 7.0 | 5.9 | -3.7 | 319.4 | 320.1 | 0.2 | 10.0 | 4.2 | 101.1 |
| 23.2 | 69.0 | 7326.6 | 425.0 | -21.9 | -55.9 | 296.7 | 7.5 | 6.7 | -3.4 | 320.9 | 321.0 | 0.0 | 2.9 | 4.8 | 104.1 |
| 24.6 | 72.6 | 7445.6 | 400.0 | -25.5 | -28.0 | 268.6 | 7.4 | 7.4 | 0.2 | 321.9 | 325.1 | 0.9 | 75.9 | 5.4 | 104.1 |
| 26.9 | 75.3 | 7211.0 | 375.0 | -29.9 | -41.7 | 249.4 | 9.0 | 8.4 | 3.3 | 323.3 | 324.3 | 0.3 | 28.9 | 6.1 | 100.1 |
| 28.3 | 80.0 | 8432.4 | 350.0 | -30.9 | -49.3 | 238.0 | 10.8 | 9.2 | 5.7 | 327.0 | 327.5 | 0.1 | 14.4 | 7.0 | 95.1 |
| 30.0 | 84.2 | 9722.4 | 325.0 | -36.1 | -56.2 | 232.6 | 10.4 | 8.3 | 6.3 | 326.9 | 327.2 | 0.1 | 13.4 | 7.9 | 92.1 |
| 31.7 | 88.2 | 2672.8 | 300.0 | -41.0 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 327.6 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 33.1 | 92.5 | 10511.4 | 275.0 | -43.5 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 332.2 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 35.1 | 97.0 | 10695.6 | 250.0 | -48.4 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 334.1 | 997.9 | 99.9 | 999.9 | 11.5 | 73.1 |
| 37.7 | 102.0 | 11379.6 | 225.0 | -56.9 | 99.9 | 211.3 | 23.4 | 12.2 | 20.0 | 334.3 | 999.9 | 99.9 | 999.9 | 13.5 | 68.1 |
| 40.7 | 107.3 | 12173.2 | 200.0 | -61.0 | 99.9 | 197.4 | 33.8 | 10.1 | 32.3 | 336.1 | 997.9 | 99.9 | 999.9 | 16.6 | 57.1 |
| 42.7 | 113.0 | 12487.5 | 175.0 | -61.5 | 99.9 | 219.8 | 31.2 | 20.0 | 23.9 | 348.5 | 997.9 | 99.9 | 999.9 | 21.0 | 49.1 |
| 45.4 | 119.3 | 13014.9 | 150.0 | -57.4 | 99.9 | 240.9 | 23.2 | 20.3 | 11.3 | 371.2 | 997.9 | 99.9 | 999.9 | 26.1 | 51.1 |
| 49.0 | 126.3 | 15058.2 | 125.0 | -61.0 | 99.9 | 246.0 | 19.0 | 17.3 | 7.7 | 384.6 | 997.9 | 99.9 | 999.9 | 30.9 | 52.1 |
| 53.3 | 134.0 | 16433.2 | 100.0 | -64.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 402.4 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.0 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 997.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.0 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.0 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 2
BARTLESVILLE, OKLAHOMA

19 APRIL 1979
1119 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO CM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.3 | 8.4 | 284.0 | 981.0 | 15.9 | 12.6 | 140.0 | 2.1 | -1.3 | 1.6 | 290.6 | 315.1 | 9.4 | 81.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 0.1 | 9.0 | 336.3 | 975.0 | 16.9 | 14.1 | 999.9 | 99.9 | 99.9 | 99.9 | 292.1 | 319.3 | 10.5 | 83.9 | 999.9 | 999.9 |
| 1.0 | 11.5 | 558.7 | 950.0 | 17.3 | 13.4 | 999.9 | 99.9 | 99.9 | 99.9 | 294.7 | 321.6 | 10.2 | 77.8 | 999.9 | 999.9 |
| 1.7 | 13.9 | 756.5 | 925.0 | 16.1 | 14.7 | 999.9 | 99.9 | 99.9 | 99.9 | 295.8 | 326.0 | 11.5 | 91.6 | 999.9 | 999.9 |
| 2.7 | 16.3 | 1020.1 | 900.0 | 16.2 | 13.9 | 999.9 | 99.9 | 99.9 | 99.9 | 298.2 | 327.9 | 11.2 | 86.3 | 999.9 | 999.9 |
| 3.4 | 18.3 | 1250.0 | 875.0 | 15.6 | 13.8 | 999.9 | 99.9 | 99.9 | 99.9 | 300.0 | 330.7 | 11.4 | 89.8 | 999.9 | 999.9 |
| 4.3 | 21.3 | 1506.2 | 850.0 | 14.1 | 12.5 | 999.9 | 99.9 | 99.9 | 99.9 | 301.0 | 330.0 | 10.8 | 89.8 | 999.9 | 999.9 |
| 5.3 | 23.9 | 1759.0 | 825.0 | 12.0 | 11.3 | 999.9 | 99.9 | 99.9 | 99.9 | 301.3 | 330.1 | 10.3 | 92.1 | 999.9 | 999.9 |
| 6.2 | 26.5 | 2016.1 | 800.0 | 11.1 | 10.4 | 999.9 | 99.9 | 99.9 | 99.9 | 303.0 | 330.2 | 10.0 | 95.2 | 999.9 | 999.9 |
| 7.1 | 29.1 | 2291.4 | 775.0 | 10.6 | 9.6 | 999.9 | 99.9 | 99.9 | 99.9 | 306.7 | 323.0 | 5.7 | 58.1 | 7.2 | 17. |
| 8.1 | 31.8 | 2554.4 | 750.0 | 9.3 | 1.5 | 213.8 | 12.6 | 7.0 | 10.5 | 309.6 | 323.5 | 4.8 | 47.0 | 7.9 | 19. |
| 9.1 | 34.4 | 2835.8 | 725.0 | 9.3 | -1.5 | 220.3 | 10.5 | 6.9 | 7.9 | 310.4 | 324.1 | 4.7 | 51.5 | 9.4 | 20. |
| 10.1 | 37.2 | 3125.9 | 700.0 | 7.1 | -2.2 | 220.9 | 8.8 | 5.8 | 6.2 | 311.0 | 318.7 | 2.5 | 31.7 | 8.9 | 21. |
| 11.1 | 40.0 | 3423.5 | 675.0 | 4.8 | -10.6 | 214.4 | 7.6 | 4.4 | 6.2 | 311.7 | 315.8 | 1.3 | 18.0 | 9.4 | 22. |
| 12.2 | 42.9 | 3729.8 | 650.0 | 2.4 | -19.0 | 214.4 | 8.4 | 4.8 | 6.9 | 311.0 | 316.1 | 1.6 | 29.3 | 9.7 | 23. |
| 12.9 | 45.9 | 4044.7 | 625.0 | -1.3 | -16.9 | 242.1 | 5.4 | 4.8 | 2.5 | 311.9 | 317.8 | 1.9 | 39.4 | 9.8 | 24. |
| 14.2 | 48.8 | 4369.7 | 600.0 | -3.7 | -15.5 | 273.7 | 4.5 | 4.5 | -0.3 | 311.9 | 318.5 | 2.2 | 54.5 | 9.9 | 26. |
| 15.1 | 51.9 | 4703.1 | 575.0 | -5.9 | -14.5 | 271.2 | 6.2 | 6.2 | -0.1 | 311.4 | 317.9 | 2.1 | 68.9 | 10.1 | 28. |
| 16.4 | 55.0 | 5047.4 | 550.0 | -10.7 | -15.3 | 271.2 | 5.9 | 5.9 | -0.1 | 312.0 | 317.9 | 1.9 | 76.8 | 10.4 | 30. |
| 17.7 | 58.1 | 5403.8 | 525.0 | -13.7 | -19.4 | 250.1 | 6.8 | 6.3 | 2.3 | 312.0 | 317.5 | 0.1 | 4.5 | 10.7 | 32. |
| 18.9 | 61.4 | 5776.7 | 500.0 | -13.1 | -45.7 | 242.2 | 5.7 | 5.0 | 2.6 | 317.1 | 317.5 | 0.1 | 4.5 | 10.7 | 32. |
| 20.2 | 64.7 | 6165.1 | 475.0 | -15.1 | -47.3 | 248.0 | 6.6 | 6.1 | 2.5 | 318.0 | 318.4 | 0.1 | 4.8 | 11.1 | 33. |
| 21.5 | 68.1 | 6569.9 | 450.0 | -19.2 | -50.1 | 258.2 | 7.2 | 7.0 | 1.5 | 319.1 | 313.4 | 0.1 | 4.5 | 11.6 | 35. |
| 23.7 | 71.6 | 6732.1 | 425.0 | -22.4 | -51.4 | 255.6 | 7.2 | 7.0 | 1.8 | 320.3 | 320.6 | 0.1 | 5.1 | 12.1 | 37. |
| 24.7 | 75.3 | 7434.3 | 400.0 | -25.8 | -56.0 | 253.4 | 7.8 | 7.5 | 2.2 | 321.4 | 321.6 | 0.0 | 4.0 | 12.6 | 39. |
| 26.1 | 79.0 | 7928.5 | 375.0 | -29.2 | -59.0 | 270.4 | 7.7 | 7.7 | -0.0 | 321.0 | 321.1 | 0.0 | 3.7 | 13.3 | 41. |
| 27.4 | 83.0 | 8447.1 | 350.0 | -33.3 | -56.9 | 278.7 | 7.8 | 7.7 | -1.2 | 323.9 | 324.1 | 0.0 | 7.2 | 13.9 | 43. |
| 31.2 | 87.0 | 9203.6 | 325.0 | -37.2 | -58.9 | 268.9 | 10.7 | 10.7 | 0.2 | 325.5 | 325.4 | 0.0 | 8.2 | 14.6 | 48. |
| 32.7 | 91.2 | 9452.0 | 300.0 | -41.4 | -59.9 | 264.5 | 13.5 | 13.4 | 1.3 | 327.1 | 327.1 | 99.9 | 999.9 | 15.6 | 51. |
| 34.9 | 95.7 | 10339.4 | 275.0 | -45.3 | 99.9 | 269.0 | 15.8 | 15.8 | 0.3 | 329.6 | 329.6 | 99.9 | 999.9 | 17.2 | 54. |
| 37.2 | 103.4 | 10667.9 | 250.0 | -49.7 | 99.9 | 275.9 | 19.4 | 19.3 | -2.0 | 332.2 | 332.2 | 99.9 | 999.9 | 19.0 | 59. |
| 39.7 | 105.4 | 11348.9 | 225.0 | -55.4 | 99.9 | 282.5 | 18.7 | 18.3 | -4.1 | 333.7 | 333.7 | 99.9 | 999.9 | 21.0 | 63. |
| 41.5 | 111.0 | 12091.0 | 200.0 | -60.2 | 99.9 | 278.2 | 17.0 | 16.9 | -2.4 | 337.4 | 337.4 | 99.9 | 999.9 | 22.8 | 67. |
| 44.1 | 116.5 | 12918.7 | 175.0 | -61.7 | 99.9 | 265.9 | 20.9 | 20.9 | 1.5 | 348.2 | 348.2 | 99.9 | 999.9 | 23.4 | 69. |
| 47.1 | 123.3 | 13875.8 | 150.0 | -59.5 | 99.9 | 270.8 | 17.4 | 17.4 | -0.2 | 367.6 | 367.6 | 99.9 | 999.9 | 29.1 | 72. |
| 50.8 | 130.5 | 15012.6 | 125.0 | -62.6 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 381.7 | 381.7 | 99.9 | 999.9 | 32.4 | 74. |
| 99.9 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 2
 BARTLESVILLE, OKLAHOMA

 19 APRIL 1979
 1405 GMT

| TIME MIN | CNCTY | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RM PCY | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.2 | 8.2 | 284.0 | 981.9 | 16.9 | 12.8 | 130.0 | 2.6 | -2.0 | 1.7 | 291.6 | 316.4 | 9.6 | 77.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.1 | 8.9 | 344.3 | 975.0 | 16.7 | 13.1 | 156.4 | 12.0 | -4.8 | 11.0 | 291.9 | 317.4 | 9.8 | 79.2 | 0.3 | 333. |
| 0.7 | 11.2 | 565.8 | 950.0 | 15.8 | 14.3 | 170.7 | 15.3 | -2.5 | 15.1 | 293.2 | 321.6 | 10.9 | 71.1 | 0.7 | 336. |
| 1.5 | 13.6 | 792.6 | 925.0 | 16.2 | 12.1 | 193.3 | 13.8 | 3.6 | 15.4 | 295.9 | 321.5 | 9.7 | 76.9 | 1.3 | 349. |
| 2.7 | 16.0 | 1267.7 | 900.0 | 17.3 | 15.7 | 201.8 | 17.5 | 6.5 | 16.3 | 299.3 | 332.8 | 12.6 | 90.6 | 2.2 | 4. |
| 3.3 | 18.5 | 1267.4 | 900.0 | 15.3 | 15.0 | 204.1 | 17.2 | 7.0 | 15.7 | 299.7 | 332.7 | 12.4 | 97.8 | 2.9 | 9. |
| 4.3 | 21.0 | 1513.4 | 950.0 | 14.4 | 14.1 | 202.4 | 14.7 | 5.6 | 13.6 | 301.3 | 333.6 | 12.0 | 97.9 | 3.8 | 12. |
| 5.1 | 23.5 | 1755.5 | 925.0 | 12.4 | 11.9 | 204.1 | 13.1 | 5.4 | 12.0 | 301.7 | 330.7 | 10.7 | 96.5 | 4.6 | 16. |
| 6.1 | 26.0 | 2023.9 | 900.0 | 11.6 | 10.8 | 215.6 | 12.6 | 7.3 | 10.2 | 303.5 | 331.5 | 10.3 | 95.0 | 5.2 | 15. |
| 7.3 | 29.6 | 2299.0 | 775.0 | 9.0 | 9.5 | 225.7 | 11.8 | 8.4 | 8.2 | 303.5 | 328.5 | 9.1 | 95.7 | 5.8 | 18. |
| 8.3 | 31.1 | 2550.1 | 750.0 | 7.3 | -2.1 | 220.8 | 9.8 | 6.4 | 7.5 | 304.6 | 317.3 | 9.4 | 51.9 | 6.4 | 21. |
| 9.2 | 33.9 | 2890.5 | 725.0 | 8.9 | -6.8 | 217.2 | 10.0 | 6.0 | 8.0 | 309.3 | 318.7 | 3.2 | 32.1 | 6.9 | 22. |
| 9.7 | 36.4 | 3130.0 | 700.0 | 6.9 | -9.2 | 213.2 | 9.8 | 5.3 | 8.2 | 310.9 | 318.9 | 3.0 | 33.4 | 7.5 | 23. |
| 10.7 | 39.2 | 3427.3 | 675.0 | 4.7 | -23.5 | 205.7 | 10.0 | 4.3 | 9.0 | 310.9 | 313.7 | 0.8 | 10.7 | 8.1 | 24. |
| 11.3 | 42.0 | 3732.9 | 650.0 | 1.9 | -25.8 | 201.7 | 9.8 | 3.6 | 9.1 | 311.2 | 313.5 | 0.7 | 10.5 | 8.6 | 24. |
| 12.7 | 44.4 | 4047.7 | 625.0 | -0.9 | -21.7 | 204.3 | 7.4 | 3.1 | 6.8 | 311.5 | 314.9 | 1.1 | 9.9 | 9.1 | 24. |
| 13.7 | 47.4 | 4371.6 | 600.0 | -4.1 | -18.5 | 210.2 | 6.1 | 3.1 | 5.3 | 311.4 | 316.1 | 1.5 | 31.4 | 9.6 | 24. |
| 15.7 | 50.7 | 4705.8 | 575.0 | -6.9 | -15.9 | 220.2 | 5.9 | 3.8 | 4.5 | 311.9 | 317.9 | 1.9 | 48.8 | 9.9 | 24. |
| 15.9 | 53.7 | 5050.3 | 550.0 | -10.6 | -16.2 | 229.7 | 5.8 | 4.4 | 3.7 | 311.6 | 317.6 | 2.0 | 63.1 | 10.3 | 25. |
| 17.5 | 56.3 | 5406.7 | 525.0 | -12.0 | -47.2 | 221.2 | 6.1 | 4.0 | 4.6 | 314.0 | 315.6 | 0.5 | 18.7 | 10.7 | 26. |
| 19.7 | 59.2 | 5790.0 | 500.0 | -13.1 | -58.2 | 223.2 | 10.3 | 6.4 | 7.5 | 317.1 | 317.2 | 0.0 | 1.0 | 11.3 | 26. |
| 20.3 | 63.1 | 6168.6 | 475.0 | -15.9 | -60.0 | 233.2 | 10.5 | 8.2 | 6.2 | 318.3 | 318.4 | 0.0 | 1.0 | 12.0 | 27. |
| 21.3 | 66.4 | 6573.1 | 450.0 | -19.7 | -60.0 | 237.2 | 10.5 | 8.8 | 5.7 | 318.5 | 318.6 | 0.0 | 1.5 | 12.7 | 29. |
| 22.5 | 69.9 | 6994.8 | 425.0 | -22.7 | -64.4 | 246.7 | 9.9 | 9.1 | 3.9 | 319.9 | 320.0 | 0.0 | 1.0 | 13.3 | 31. |
| 24.1 | 73.4 | 7436.9 | 400.0 | -26.0 | -63.9 | 255.2 | 10.4 | 10.0 | 2.6 | 321.2 | 321.3 | 0.0 | 1.4 | 14.3 | 33. |
| 25.5 | 77.0 | 7700.7 | 375.0 | -29.4 | -68.8 | 264.0 | 10.0 | 9.9 | 1.0 | 322.7 | 322.7 | 0.0 | 1.0 | 14.6 | 36. |
| 27.2 | 10.9 | 8120.1 | 350.0 | -32.9 | -71.1 | 268.4 | 10.0 | 10.0 | 0.3 | 324.3 | 324.4 | 0.0 | 1.0 | 15.3 | 39. |
| 29.0 | 84.4 | 8907.6 | 325.0 | -36.8 | -54.2 | 283.5 | 12.3 | 12.3 | 1.4 | 326.0 | 326.3 | 0.1 | 14.3 | 16.1 | 42. |
| 30.7 | 89.0 | 9457.2 | 300.0 | -40.6 | 99.9 | 286.3 | 13.9 | 13.9 | 0.9 | 328.2 | 999.9 | 99.9 | 99.9 | 17.1 | 45. |
| 32.5 | 93.2 | 10044.7 | 275.0 | -44.9 | 99.9 | 289.4 | 14.2 | 14.2 | 0.1 | 330.3 | 999.9 | 99.9 | 99.9 | 18.2 | 48. |
| 34.3 | 97.8 | 10675.0 | 250.0 | -49.8 | 99.9 | 287.6 | 16.0 | 16.0 | 0.7 | 332.0 | 999.9 | 99.9 | 99.9 | 19.5 | 51. |
| 36.4 | 102.4 | 11354.3 | 225.0 | -56.3 | 99.9 | 271.1 | 18.2 | 18.2 | -0.1 | 332.3 | 999.9 | 99.9 | 99.9 | 21.2 | 53. |
| 39.5 | 103.0 | 12292.7 | 200.0 | -60.8 | 99.9 | 270.3 | 18.0 | 18.0 | -0.1 | 336.6 | 999.9 | 99.9 | 99.9 | 23.2 | 59. |
| 41.3 | 113.6 | 12924.1 | 175.0 | -61.2 | 99.9 | 273.0 | 18.7 | 18.7 | -1.0 | 349.0 | 999.9 | 99.9 | 99.9 | 25.7 | 62. |
| 44.1 | 120.0 | 13977.6 | 150.0 | -67.2 | 99.9 | 269.3 | 19.0 | 19.0 | 0.2 | 362.8 | 999.9 | 99.9 | 99.9 | 29.4 | 63. |
| 47.7 | 127.9 | 15312.0 | 125.0 | -52.0 | 99.9 | 281.7 | 18.3 | 18.1 | 2.6 | 382.7 | 999.9 | 99.9 | 99.9 | 32.0 | 67. |
| 51.4 | 135.0 | 16390.9 | 100.0 | -63.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 404.2 | 999.9 | 99.9 | 99.9 | 999.9 | 999. |
| 99.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999. |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999. |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999. |

* 9V SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * 9V TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 2
BARTLESVILLE, OKLAHOMA

19 APRIL 1979
1705 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | 3M PCT | RANGE KM | AZ DC |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.1 | 9.5 | 284.0 | 980.7 | 24.9 | 15.8 | 150.0 | 7.2 | -2.5 | 6.8 | 299.7 | 330.6 | 11.6 | 57.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.3 | 10.0 | 335.0 | 975.0 | 22.6 | 15.5 | 170.5 | 9.1 | -1.5 | 9.0 | 297.9 | 328.3 | 11.4 | 64.0 | 0.3 | 346. |
| 0.9 | 12.4 | 561.1 | 950.0 | 19.9 | 14.7 | 175.3 | 9.6 | -0.8 | 9.6 | 297.4 | 327.0 | 11.2 | 72.1 | 0.5 | 349. |
| 1.7 | 14.8 | 790.6 | 925.0 | 17.7 | 14.1 | 184.5 | 11.9 | 0.9 | 11.9 | 297.4 | 326.6 | 11.0 | 79.5 | 1.0 | 354. |
| 2.5 | 17.2 | 1025.1 | 900.0 | 16.5 | 14.5 | 193.8 | 13.9 | 3.3 | 13.5 | 298.5 | 329.4 | 11.6 | 89.1 | 1.6 | 360. |
| 3.4 | 19.7 | 1266.3 | 875.0 | 16.8 | 13.7 | 201.4 | 14.6 | 5.3 | 13.6 | 301.3 | 331.9 | 11.4 | 81.7 | 2.4 | 5. |
| 4.3 | 22.2 | 1513.7 | 850.0 | 15.3 | 12.3 | 207.6 | 13.3 | 6.7 | 13.8 | 302.6 | 331.2 | 10.7 | 82.5 | 3.1 | 10. |
| 5.1 | 24.7 | 1766.9 | 825.0 | 13.4 | 12.3 | 207.6 | 12.1 | 5.4 | 10.9 | 303.9 | 332.7 | 10.5 | 94.8 | 4.3 | 13. |
| 5.9 | 27.3 | 2026.4 | 800.0 | 12.0 | 11.2 | 206.3 | 12.5 | 5.4 | 10.9 | 305.1 | 330.8 | 9.3 | 89.8 | 5.0 | 17. |
| 7.0 | 29.9 | 2292.2 | 775.0 | 10.5 | 8.9 | 209.9 | 12.6 | 6.3 | 11.0 | 310.5 | 322.6 | 8.8 | 41.8 | 6.7 | 21. |
| 8.0 | 32.6 | 2565.9 | 750.0 | 11.5 | -0.4 | 216.0 | 11.3 | 6.4 | 9.6 | 310.5 | 323.7 | 8.8 | 39.9 | 7.4 | 23. |
| 9.4 | 35.2 | 2849.0 | 725.0 | 10.1 | -2.3 | 216.0 | 10.9 | 6.4 | 8.8 | 311.3 | 322.6 | 8.8 | 40.4 | 8.1 | 24. |
| 10.3 | 37.4 | 3139.7 | 700.0 | 7.9 | -4.9 | 216.9 | 11.6 | 7.0 | 9.3 | 311.3 | 322.6 | 8.8 | 39.9 | 8.9 | 25. |
| 11.5 | 40.4 | 3438.3 | 675.0 | 5.0 | -7.3 | 213.4 | 11.8 | 6.5 | 9.8 | 311.3 | 322.6 | 8.8 | 39.9 | 9.6 | 25. |
| 12.5 | 43.4 | 3744.8 | 650.0 | 2.3 | -10.8 | 209.6 | 11.9 | 5.9 | 10.3 | 311.6 | 319.6 | 8.8 | 37.4 | 10.1 | 26. |
| 13.3 | 46.2 | 4060.1 | 625.0 | -0.6 | -13.1 | 212.9 | 9.3 | 5.1 | 7.8 | 311.7 | 318.6 | 8.8 | 35.1 | 10.6 | 26. |
| 14.3 | 49.1 | 4385.0 | 600.0 | -3.1 | -13.2 | 219.7 | 8.1 | 5.2 | 6.2 | 312.5 | 319.6 | 8.8 | 32.7 | 11.2 | 28. |
| 16.1 | 52.1 | 4719.9 | 575.0 | -6.3 | -13.3 | 228.7 | 7.7 | 5.7 | 5.1 | 312.6 | 319.6 | 8.8 | 30.0 | 11.8 | 30. |
| 17.3 | 55.1 | 5065.5 | 550.0 | -10.0 | -13.7 | 236.6 | 8.8 | 7.3 | 4.8 | 313.0 | 319.6 | 8.8 | 27.4 | 12.4 | 31. |
| 18.7 | 59.3 | 5422.6 | 525.0 | -12.9 | -16.2 | 246.2 | 9.2 | 7.7 | 5.1 | 317.7 | 319.0 | 8.8 | 24.9 | 13.0 | 34. |
| 21.3 | 61.1 | 5795.2 | 500.0 | -12.6 | -35.5 | 248.2 | 8.2 | 7.6 | 3.0 | 318.9 | 320.4 | 8.8 | 22.9 | 14.7 | 40. |
| 21.5 | 64.7 | 6194.6 | 475.0 | -15.4 | -33.8 | 257.3 | 10.0 | 9.8 | 2.2 | 320.0 | 320.4 | 8.8 | 20.9 | 15.7 | 46. |
| 22.1 | 68.0 | 6590.1 | 450.0 | -18.5 | -38.3 | 260.9 | 9.4 | 9.3 | 1.5 | 321.1 | 321.1 | 8.8 | 18.9 | 16.6 | 47. |
| 24.1 | 71.4 | 7314.4 | 425.0 | -21.5 | -39.1 | 262.7 | 7.7 | 7.7 | 1.0 | 321.4 | 322.5 | 8.8 | 16.9 | 17.4 | 50. |
| 25.7 | 75.0 | 7457.9 | 400.0 | -25.2 | -42.0 | 259.9 | 10.5 | 10.3 | 1.8 | 322.3 | 323.1 | 8.8 | 15.9 | 18.4 | 53. |
| 27.7 | 78.7 | 7733.5 | 375.0 | -24.5 | -46.4 | 266.7 | 12.4 | 12.4 | 0.3 | 323.9 | 324.5 | 8.8 | 15.9 | 19.7 | 55. |
| 29.5 | 82.5 | 8414.7 | 350.0 | -31.9 | -49.1 | 271.4 | 11.2 | 11.2 | -0.3 | 325.8 | 326.2 | 8.8 | 15.9 | 21.2 | 58. |
| 31.4 | 86.5 | 9234.3 | 325.0 | -36.1 | -52.3 | 277.4 | 11.6 | 11.9 | -1.5 | 326.9 | 327.2 | 8.8 | 15.9 | 22.9 | 60. |
| 33.4 | 90.8 | 9484.4 | 300.0 | -40.7 | 99.9 | 289.1 | 12.1 | 12.1 | 0.2 | 328.0 | 999.9 | 8.8 | 15.9 | 24.8 | 63. |
| 35.3 | 95.9 | 10071.2 | 275.0 | -45.2 | 99.9 | 283.7 | 13.3 | 13.2 | 1.5 | 329.8 | 999.9 | 8.8 | 15.9 | 27.4 | 66. |
| 37.3 | 99.6 | 10701.4 | 250.0 | -49.8 | 99.9 | 266.2 | 14.9 | 14.8 | 1.0 | 332.0 | 999.9 | 8.8 | 15.9 | 30.5 | 68. |
| 39.7 | 104.6 | 11397.2 | 225.0 | -54.3 | 99.9 | 272.0 | 13.8 | 13.8 | -0.5 | 332.2 | 999.9 | 8.8 | 15.9 | 34.3 | 70. |
| 42.3 | 109.4 | 12100.3 | 200.0 | -60.9 | 99.9 | 271.0 | 15.4 | 15.4 | -0.3 | 336.3 | 999.9 | 8.8 | 15.9 | 999.9 | 999.9 |
| 45.2 | 115.8 | 12947.5 | 175.0 | -62.4 | 99.9 | 269.2 | 16.9 | 16.9 | 0.2 | 347.0 | 999.9 | 8.8 | 15.9 | 999.9 | 999.9 |
| 48.3 | 122.0 | 13702.4 | 150.0 | -60.6 | 99.9 | 265.2 | 19.7 | 19.6 | 1.6 | 365.7 | 999.9 | 8.8 | 15.9 | 999.9 | 999.9 |
| 51.7 | 129.0 | 15039.3 | 125.0 | -61.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 394.0 | 999.9 | 8.8 | 15.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 2
BARTLESVILLE, OKLAHOMA
19 APRIL 1979
2026 GMT

| TIME MIN | ENTCTY | HEIGHT GPM | PRES MB | TEMP °C | DEW PT °C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|--------|---------------|------------|------------|--------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.7 | 7.9 | 244.0 | 978.9 | 27.2 | 16.5 | 160.0 | 5.1 | -1.7 | 4.8 | 302.2 | 335.0 | 12.2 | 52.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.2 | 8.3 | 319.3 | 975.0 | 26.4 | 16.1 | 169.7 | 4.6 | -0.8 | 4.5 | 301.7 | 333.8 | 11.9 | 53.4 | 0.3 | 334. |
| 1.0 | 10.6 | 547.4 | 950.0 | 23.3 | 15.8 | 175.8 | 7.2 | -0.5 | 7.2 | 300.9 | 333.0 | 12.0 | 62.7 | 0.4 | 341. |
| 2.1 | 13.0 | 779.5 | 925.0 | 20.6 | 14.9 | 181.4 | 11.1 | 0.3 | 11.1 | 300.4 | 331.6 | 11.6 | 69.7 | 1.0 | 353. |
| 2.9 | 15.5 | 1016.4 | 900.0 | 19.9 | 14.7 | 185.9 | 11.7 | 1.2 | 11.6 | 301.0 | 332.7 | 11.8 | 75.6 | 1.6 | 355. |
| 3.2 | 18.0 | 1257.9 | 875.0 | 16.2 | 13.7 | 195.4 | 12.5 | 3.3 | 12.1 | 300.7 | 331.2 | 11.4 | 84.9 | 2.3 | 1. |
| 4.5 | 20.5 | 1524.6 | 850.0 | 14.5 | 13.3 | 203.4 | 14.7 | 5.9 | 13.5 | 301.4 | 332.1 | 11.4 | 92.3 | 2.9 | 4. |
| 5.5 | 23.1 | 1757.3 | 825.0 | 13.8 | 11.6 | 207.8 | 14.9 | 7.0 | 13.2 | 303.2 | 331.7 | 10.5 | 85.2 | 3.7 | 10. |
| 6.4 | 25.6 | 2017.2 | 800.0 | 12.9 | 10.9 | 201.9 | 14.1 | 5.3 | 13.1 | 304.9 | 333.3 | 10.3 | 87.4 | 4.7 | 13. |
| 8.1 | 28.2 | 2293.7 | 775.0 | 10.5 | 8.8 | 205.6 | 12.5 | 5.4 | 11.3 | 305.1 | 330.6 | 9.2 | 89.0 | 5.7 | 15. |
| 9.5 | 30.9 | 2556.7 | 750.0 | 9.5 | 6.4 | 212.2 | 12.9 | 6.8 | 10.9 | 305.9 | 328.5 | 8.1 | 85.6 | 6.8 | 17. |
| 10.4 | 33.6 | 2818.5 | 725.0 | 10.0 | -0.9 | 211.5 | 10.8 | 5.6 | 9.2 | 310.4 | 324.9 | 5.0 | 45.6 | 7.6 | 19. |
| 11.7 | 36.2 | 3129.1 | 700.0 | 7.7 | -5.7 | 207.5 | 8.5 | 3.9 | 7.6 | 311.0 | 321.7 | 3.6 | 35.0 | 8.1 | 20. |
| 12.4 | 39.0 | 3427.3 | 675.0 | 4.8 | -11.2 | 204.7 | 10.1 | 4.2 | 9.1 | 311.0 | 318.4 | 2.4 | 30.2 | 8.7 | 20. |
| 13.4 | 41.9 | 3733.6 | 650.0 | 1.8 | -12.3 | 203.5 | 10.8 | 4.3 | 9.9 | 311.0 | 318.0 | 2.3 | 34.1 | 9.4 | 20. |
| 15.3 | 44.7 | 4048.4 | 625.0 | -1.2 | -14.1 | 202.3 | 9.1 | 3.5 | 8.5 | 311.0 | 317.5 | 2.1 | 35.7 | 10.0 | 20. |
| 16.1 | 47.6 | 4372.5 | 600.0 | -3.7 | -13.8 | 211.6 | 9.6 | 5.0 | 8.2 | 313.8 | 318.6 | 2.2 | 45.5 | 10.7 | 21. |
| 17.5 | 51.4 | 4706.9 | 575.0 | -6.8 | -12.8 | 230.4 | 9.1 | 7.0 | 5.8 | 312.0 | 319.6 | 2.5 | 62.4 | 11.4 | 22. |
| 19.1 | 53.9 | 5052.2 | 550.0 | -9.6 | -14.4 | 237.4 | 10.6 | 8.9 | 5.7 | 312.7 | 319.7 | 2.3 | 67.9 | 12.1 | 24. |
| 20.4 | 56.9 | 5411.2 | 525.0 | -9.5 | -16.1 | 235.0 | 10.2 | 8.8 | 5.1 | 317.0 | 318.1 | 0.3 | 9.4 | 12.9 | 27. |
| 22.7 | 60.0 | 5745.7 | 500.0 | -12.4 | -19.8 | 248.6 | 11.0 | 10.0 | 4.5 | 317.9 | 318.8 | 0.2 | 9.0 | 13.7 | 29. |
| 23.1 | 63.4 | 6175.4 | 475.0 | -15.6 | -23.8 | 252.3 | 9.4 | 8.9 | 2.8 | 318.7 | 319.3 | 0.2 | 6.8 | 14.4 | 31. |
| 25.3 | 66.4 | 6590.8 | 450.0 | -19.0 | -27.3 | 256.9 | 9.5 | 9.3 | 2.2 | 320.7 | 321.1 | 0.1 | 5.6 | 15.0 | 33. |
| 26.5 | 70.3 | 7035.3 | 425.0 | -20.9 | -29.0 | 264.2 | 9.6 | 9.5 | 1.0 | 322.2 | 322.6 | 0.1 | 5.9 | 15.6 | 36. |
| 28.7 | 73.9 | 7449.4 | 400.0 | -24.6 | -32.1 | 272.2 | 10.6 | 10.6 | -0.4 | 323.0 | 323.3 | 0.1 | 5.7 | 16.2 | 39. |
| 29.7 | 77.6 | 7915.7 | 375.0 | -24.7 | -32.3 | 273.7 | 12.6 | 12.6 | -0.8 | 323.7 | 324.0 | 0.1 | 5.2 | 16.8 | 41. |
| 31.5 | 81.5 | 8406.0 | 350.0 | -22.3 | -35.0 | 266.4 | 14.1 | 14.1 | 0.9 | 325.2 | 325.5 | 0.1 | 5.3 | 17.8 | 45. |
| 33.5 | 85.5 | 8925.2 | 325.0 | -35.5 | -36.3 | 265.4 | 15.1 | 15.1 | 1.2 | 327.7 | 327.9 | 0.1 | 9.8 | 19.3 | 49. |
| 36.5 | 89.8 | 9477.1 | 300.0 | -39.9 | -39.9 | 264.3 | 16.0 | 15.9 | 1.6 | 329.2 | 329.9 | 99.9 | 999.9 | 21.5 | 53. |
| 39.6 | 94.2 | 10065.6 | 275.0 | -44.9 | -44.9 | 261.7 | 15.8 | 15.7 | 2.3 | 330.2 | 330.2 | 99.9 | 999.9 | 23.3 | 55. |
| 40.4 | 99.0 | 10595.0 | 250.0 | -50.7 | -49.9 | 258.7 | 14.6 | 14.3 | 2.9 | 330.8 | 330.8 | 99.9 | 999.9 | 25.1 | 57. |
| 43.3 | 104.0 | 11373.2 | 225.0 | -56.2 | -56.2 | 99.9 | 99.9 | 99.9 | 99.9 | 332.3 | 332.3 | 99.9 | 999.9 | 999.9 | 999.9 |
| 46.7 | 109.4 | 12112.8 | 200.0 | -61.9 | -61.9 | 99.9 | 99.9 | 99.9 | 99.9 | 334.7 | 334.7 | 99.9 | 999.9 | 999.9 | 999.9 |
| 49.2 | 115.3 | 12934.5 | 175.0 | -64.0 | -64.0 | 99.9 | 99.9 | 99.9 | 99.9 | 344.3 | 344.3 | 99.9 | 999.9 | 999.9 | 999.9 |
| 52.7 | 121.7 | 13844.0 | 150.0 | -63.6 | -63.6 | 99.9 | 99.9 | 99.9 | 99.9 | 365.6 | 365.6 | 99.9 | 999.9 | 999.9 | 999.9 |
| 56.7 | 128.7 | 15021.4 | 125.0 | -62.0 | -62.0 | 99.9 | 99.9 | 99.9 | 99.9 | 382.8 | 382.8 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

°° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 2
BARTLESVILLE, OKLAHOMA

19 APRIL 1979
2313 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT Y DG K | MX RTD GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.1 | 8.1 | 284.0 | 977.9 | 25.2 | 17.1 | 140.0 | 3.6 | -2.3 | 2.8 | 300.3 | 334.2 | 12.7 | 61.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.3 | 8.4 | 310.2 | 975.0 | 24.6 | 16.8 | 151.7 | 4.2 | -2.0 | 3.7 | 300.0 | 333.3 | 12.5 | 61.8 | 0.1 | 360. |
| 0.5 | 10.6 | 537.6 | 950.0 | 23.0 | 16.4 | 181.8 | 5.1 | 0.2 | 5.1 | 300.6 | 333.9 | 12.5 | 65.2 | 0.3 | 359. |
| 1.4 | 13.0 | 769.7 | 925.0 | 20.9 | 16.1 | 186.4 | 9.6 | 1.1 | 9.5 | 300.7 | 334.2 | 12.6 | 74.1 | 0.5 | 2. |
| 2.2 | 15.4 | 1006.6 | 900.0 | 18.2 | 15.6 | 187.9 | 21.7 | 3.0 | 21.5 | 300.3 | 333.6 | 12.5 | 84.7 | 1.4 | 5. |
| 3.3 | 17.7 | 1248.1 | 875.0 | 16.3 | 15.3 | 192.4 | 15.8 | 3.4 | 15.5 | 300.7 | 334.5 | 12.6 | 93.7 | 2.3 | 7. |
| 3.9 | 20.2 | 1494.6 | 850.0 | 14.3 | 13.6 | 200.0 | 13.4 | 4.6 | 12.6 | 301.2 | 332.3 | 11.6 | 95.1 | 3.0 | 9. |
| 4.9 | 22.6 | 1747.5 | 825.0 | 13.0 | 12.1 | 200.9 | 14.2 | 5.1 | 13.3 | 302.3 | 331.7 | 10.9 | 94.5 | 3.9 | 12. |
| 5.3 | 25.2 | 2226.3 | 800.0 | 12.1 | 10.5 | 197.3 | 12.7 | 3.8 | 12.1 | 304.1 | 331.7 | 10.1 | 89.8 | 4.6 | 13. |
| 6.5 | 27.7 | 2272.6 | 775.0 | 10.5 | 8.8 | 194.9 | 12.0 | 3.1 | 11.6 | 305.1 | 330.7 | 9.3 | 89.8 | 5.2 | 13. |
| 7.5 | 30.2 | 2545.6 | 750.0 | 8.7 | 7.0 | 197.2 | 10.0 | 3.0 | 9.6 | 306.1 | 329.6 | 8.4 | 88.8 | 5.8 | 13. |
| 8.5 | 32.7 | 2926.1 | 725.0 | 8.5 | -1.2 | 199.0 | 10.1 | 3.3 | 9.6 | 308.8 | 323.0 | 4.9 | 51.1 | 6.4 | 14. |
| 9.5 | 35.5 | 3116.5 | 700.0 | 7.9 | -13.7 | 192.7 | 9.7 | 2.1 | 9.4 | 311.3 | 317.1 | 1.9 | 19.9 | 7.0 | 14. |
| 10.7 | 39.2 | 3414.7 | 675.0 | 5.3 | -15.6 | 184.1 | 9.6 | 0.7 | 9.6 | 311.6 | 316.8 | 1.7 | 20.5 | 7.6 | 14. |
| 11.3 | 41.0 | 3721.2 | 650.0 | 2.4 | -15.3 | 192.9 | 8.0 | 1.8 | 7.8 | 311.7 | 317.3 | 1.8 | 25.5 | 8.3 | 13. |
| 13.2 | 43.9 | 4337.1 | 625.0 | 0.2 | -12.3 | 225.5 | 8.3 | 5.9 | 5.8 | 312.7 | 320.0 | 2.4 | 38.4 | 8.8 | 14. |
| 14.4 | 46.7 | 4362.5 | 600.0 | -2.7 | -13.8 | 230.6 | 11.0 | 8.5 | 7.0 | 313.0 | 319.7 | 2.2 | 42.0 | 9.3 | 17. |
| 15.5 | 49.6 | 4699.6 | 575.0 | -5.6 | -10.5 | 240.9 | 11.8 | 10.3 | 5.7 | 313.5 | 322.6 | 3.0 | 63.4 | 10.0 | 19. |
| 16.5 | 52.5 | 5045.5 | 550.0 | -8.6 | -16.5 | 248.8 | 10.7 | 10.0 | 3.9 | 313.9 | 320.1 | 2.0 | 54.7 | 10.6 | 23. |
| 18.2 | 55.4 | 5426.0 | 525.0 | -9.7 | -50.3 | 99.9 | 99.9 | 99.9 | 99.9 | 318.0 | 318.3 | 0.1 | 1.9 | 999.9 | 999. |
| 19.2 | 58.4 | 5792.1 | 500.0 | -11.4 | -42.9 | 99.9 | 99.9 | 99.9 | 99.9 | 319.2 | 319.6 | 0.2 | 5.3 | 999.9 | 999. |
| 23.7 | 61.9 | 6172.3 | 475.0 | -15.2 | -45.5 | 99.9 | 99.9 | 99.9 | 99.9 | 319.1 | 319.6 | 0.1 | 5.5 | 999.9 | 999. |
| 27.2 | 65.1 | 6579.6 | 450.0 | -17.4 | -50.9 | 99.9 | 99.9 | 99.9 | 99.9 | 321.3 | 321.6 | 0.1 | 3.5 | 999.9 | 999. |
| 23.4 | 68.6 | 7034.5 | 425.0 | -21.2 | -56.4 | 99.9 | 99.9 | 99.9 | 99.9 | 321.9 | 322.0 | 0.0 | 2.5 | 13.5 | 34. |
| 24.9 | 72.0 | 7449.0 | 400.0 | -24.4 | -60.7 | 284.6 | 8.7 | 8.7 | 0.8 | 323.3 | 323.4 | 0.0 | 1.9 | 14.0 | 36. |
| 26.7 | 75.7 | 7916.4 | 375.0 | -29.0 | -53.7 | 277.1 | 10.7 | 10.6 | -1.3 | 324.6 | 324.8 | 0.1 | 6.6 | 14.6 | 40. |
| 28.3 | 79.5 | 8408.6 | 350.0 | -30.6 | -47.3 | 99.9 | 99.9 | 99.9 | 99.9 | 327.5 | 328.1 | 0.2 | 19.6 | 999.9 | 999. |
| 32.1 | 83.1 | 8710.9 | 325.0 | -34.7 | -42.0 | 99.9 | 99.9 | 99.9 | 99.9 | 328.9 | 329.9 | 0.3 | 47.1 | 999.9 | 999. |
| 31.9 | 87.4 | 9494.7 | 300.0 | -39.5 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 329.8 | 329.9 | 99.9 | 999.9 | 999.9 | 999. |
| 33.3 | 91.4 | 10722.6 | 275.0 | -45.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 330.1 | 999.9 | 99.9 | 999.9 | 999.9 | 999. |
| 35.4 | 96.4 | 10701.9 | 250.0 | -50.5 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 331.0 | 999.9 | 99.9 | 999.9 | 999.9 | 999. |
| 38.1 | 101.4 | 11379.2 | 225.0 | -57.1 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 331.0 | 999.9 | 99.9 | 999.9 | 999.9 | 999. |
| 40.2 | 106.6 | 12115.2 | 200.0 | -62.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 334.6 | 999.9 | 99.9 | 999.9 | 999.9 | 999. |
| 42.7 | 112.3 | 12933.4 | 175.0 | -65.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 342.2 | 999.9 | 99.9 | 999.9 | 999.9 | 999. |
| 45.9 | 118.7 | 13876.4 | 150.0 | -62.2 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 363.0 | 999.9 | 99.9 | 999.9 | 999.9 | 999. |
| 49.4 | 125.7 | 15309.8 | 125.0 | -61.5 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 383.7 | 999.9 | 99.9 | 999.9 | 37.4 | 67. |
| 53.4 | 133.7 | 16340.5 | 100.0 | -67.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 398.4 | 999.9 | 99.9 | 999.9 | 999.9 | 999. |
| 99.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999. |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999. |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 2
BARTLESVILLE, OKLAHOMA

20 APRIL 1979
226 GMT

| TIME MIN | CNTCT | MFIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT V DG K | E POT V DG K | MX RTO GM/KG | BH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 7.5 | 294.0 | 977.9 | 21.1 | 17.5 | 100.0 | 3.1 | -1.1 | 2.9 | 296.1 | 330.2 | 13.0 | 80.0 | 0.0 | 0. |
| 0.1 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.2 | 7.9 | 309.8 | 975.0 | 21.2 | 19.0 | 100.0 | 9.0 | 0.1 | 9.0 | 296.5 | 331.9 | 13.5 | 82.1 | 0.2 | 13. |
| 0.3 | 10.1 | 535.4 | 950.0 | 20.5 | 18.0 | 191.0 | 12.5 | 2.4 | 12.2 | 299.0 | 334.4 | 13.8 | 85.8 | 0.5 | 18. |
| 0.4 | 12.5 | 766.5 | 925.0 | 19.1 | 17.3 | 180.9 | 11.6 | 0.2 | 11.6 | 298.8 | 334.8 | 13.6 | 89.7 | 1.1 | 12. |
| 0.5 | 14.4 | 1002.2 | 900.0 | 17.3 | 16.3 | 175.7 | 12.5 | -0.9 | 12.5 | 299.3 | 334.0 | 13.1 | 93.9 | 1.8 | 6. |
| 0.6 | 17.2 | 1242.9 | 875.0 | 15.2 | 14.3 | 174.7 | 13.3 | -1.2 | 13.2 | 299.6 | 331.1 | 11.8 | 96.4 | 2.3 | 4. |
| 0.7 | 19.7 | 1489.1 | 850.0 | 14.0 | 13.0 | 176.3 | 13.7 | -0.9 | 13.7 | 300.8 | 330.9 | 11.2 | 98.2 | 3.0 | 2. |
| 0.8 | 22.2 | 1741.3 | 825.0 | 12.6 | 11.7 | 180.6 | 14.1 | 0.2 | 14.1 | 301.9 | 330.5 | 10.5 | 94.0 | 3.8 | 1. |
| 0.9 | 24.7 | 1999.8 | 800.0 | 11.2 | 10.2 | 182.2 | 12.7 | 0.5 | 12.7 | 303.1 | 330.0 | 9.8 | 93.6 | 4.6 | 1. |
| 1.0 | 27.2 | 2265.0 | 775.0 | 9.4 | 8.0 | 199.9 | 99.9 | 99.9 | 99.9 | 304.0 | 328.1 | 8.7 | 90.7 | 99.9 | 99.9 |
| 1.1 | 29.4 | 2537.7 | 750.0 | 9.0 | 4.2 | 999.9 | 99.9 | 99.9 | 99.9 | 306.3 | 325.9 | 6.9 | 72.1 | 99.9 | 99.9 |
| 1.2 | 31.8 | 2818.9 | 725.0 | 9.3 | -3.7 | 999.9 | 99.9 | 99.9 | 99.9 | 309.7 | 322.2 | 4.3 | 41.9 | 99.9 | 99.9 |
| 1.3 | 34.1 | 3108.7 | 700.0 | 7.5 | -15.6 | 999.9 | 99.9 | 99.9 | 99.9 | 310.8 | 315.8 | 1.6 | 17.5 | 7.0 | 4. |
| 1.4 | 36.4 | 3406.8 | 675.0 | 5.4 | -18.2 | 190.0 | 9.6 | 1.7 | 9.5 | 311.7 | 316.0 | 1.4 | 16.3 | 7.6 | 5. |
| 1.5 | 38.7 | 3713.8 | 650.0 | 2.7 | -15.4 | 198.9 | 9.4 | 3.0 | 8.9 | 312.0 | 317.6 | 1.8 | 24.9 | 4.2 | 5. |
| 1.6 | 40.9 | 4029.3 | 625.0 | -0.2 | -12.5 | 209.2 | 10.1 | 4.9 | 8.8 | 312.3 | 319.5 | 2.4 | 39.6 | 8.8 | 7. |
| 1.7 | 43.4 | 4354.4 | 600.0 | -3.1 | -9.5 | 224.0 | 10.0 | 6.9 | 7.2 | 312.6 | 320.7 | 2.6 | 63.3 | 9.9 | 11. |
| 1.8 | 45.7 | 4689.7 | 575.0 | -6.3 | -12.1 | 237.1 | 9.1 | 7.6 | 4.9 | 313.7 | 320.6 | 0.3 | 7.9 | 10.9 | 16. |
| 1.9 | 48.0 | 5006.6 | 550.0 | -9.1 | -15.2 | 241.7 | 9.9 | 8.7 | 4.7 | 317.6 | 318.6 | 0.1 | 1.7 | 11.6 | 20. |
| 2.0 | 50.3 | 5336.4 | 525.0 | -11.4 | -12.1 | 237.1 | 10.2 | 8.6 | 5.6 | 319.1 | 319.3 | 0.0 | 1.0 | 12.3 | 22. |
| 2.1 | 52.6 | 5672.6 | 500.0 | -15.2 | -15.2 | 231.0 | 9.9 | 7.7 | 6.2 | 319.2 | 319.3 | 0.0 | 1.0 | 13.0 | 23. |
| 2.2 | 54.9 | 6008.9 | 475.0 | -17.0 | -20.7 | 227.6 | 8.5 | 6.2 | 5.1 | 321.9 | 322.0 | 0.0 | 1.0 | 13.6 | 24. |
| 2.3 | 57.2 | 6345.2 | 450.0 | -19.7 | -22.9 | 229.9 | 7.9 | 6.1 | 3.5 | 323.7 | 323.8 | 0.0 | 1.0 | 14.1 | 26. |
| 2.4 | 59.5 | 6681.5 | 425.0 | -23.2 | -24.7 | 243.5 | 7.8 | 7.0 | 3.5 | 324.8 | 324.9 | 0.0 | 1.0 | 14.8 | 28. |
| 2.5 | 61.8 | 7017.8 | 400.0 | -26.5 | -26.5 | 243.7 | 14.1 | 12.6 | 6.2 | 326.5 | 328.3 | 0.5 | 45.0 | 14.8 | 28. |
| 2.6 | 64.1 | 7354.1 | 375.0 | -29.8 | -29.8 | 247.5 | 18.0 | 16.6 | 6.9 | 326.6 | 329.1 | 0.7 | 89.7 | 16.0 | 31. |
| 2.7 | 66.4 | 7690.4 | 350.0 | -31.3 | -32.5 | 247.5 | 19.6 | 18.2 | 7.3 | 326.6 | 328.9 | 0.4 | 79.7 | 17.7 | 35. |
| 2.8 | 68.7 | 8026.7 | 325.0 | -35.8 | -38.1 | 248.0 | 19.3 | 17.9 | 7.2 | 328.2 | 328.9 | 99.9 | 99.9 | 19.6 | 39. |
| 2.9 | 71.0 | 8363.0 | 300.0 | -40.6 | 99.9 | 248.0 | 19.3 | 17.9 | 7.2 | 328.2 | 328.9 | 99.9 | 99.9 | 21.7 | 42. |
| 3.0 | 73.3 | 8699.3 | 275.0 | -45.4 | 99.9 | 247.6 | 20.4 | 18.9 | 7.8 | 329.4 | 329.9 | 99.9 | 99.9 | 23.9 | 46. |
| 3.1 | 75.6 | 9035.6 | 250.0 | -49.9 | 99.9 | 243.1 | 17.2 | 15.3 | 7.8 | 331.9 | 329.9 | 99.9 | 99.9 | 25.6 | 45. |
| 3.2 | 77.9 | 9371.9 | 225.0 | -56.1 | 99.9 | 241.1 | 14.2 | 12.5 | 6.9 | 332.5 | 329.9 | 99.9 | 99.9 | 27.5 | 47. |
| 3.3 | 80.2 | 9708.2 | 200.0 | -60.8 | 99.9 | 253.8 | 16.2 | 15.6 | 4.5 | 336.6 | 329.9 | 99.9 | 99.9 | 30.2 | 49. |
| 3.4 | 82.5 | 10044.5 | 175.0 | -66.0 | 99.9 | 252.1 | 19.4 | 18.4 | 5.9 | 341.0 | 329.9 | 99.9 | 99.9 | 33.2 | 52. |
| 3.5 | 84.8 | 10380.8 | 150.0 | -64.4 | 99.9 | 262.9 | 20.8 | 20.7 | 2.6 | 359.2 | 329.9 | 99.9 | 99.9 | 35.8 | 56. |
| 3.6 | 87.1 | 10717.1 | 125.0 | -62.4 | 99.9 | 289.7 | 15.7 | 14.8 | -5.3 | 362.0 | 329.9 | 99.9 | 99.9 | 38.8 | 59. |
| 3.7 | 89.4 | 11053.4 | 100.0 | -66.1 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 400.1 | 329.9 | 99.9 | 99.9 | 41.8 | 62. |
| 3.8 | 91.7 | 11389.7 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 329.9 | 99.9 | 99.9 | 44.8 | 65. |
| 3.9 | 94.0 | 11726.0 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 329.9 | 99.9 | 99.9 | 47.8 | 68. |
| 4.0 | 96.3 | 12062.3 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 329.9 | 99.9 | 99.9 | 50.8 | 71. |
| 4.1 | 98.6 | 12398.6 | 0.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 329.9 | 99.9 | 99.9 | 53.8 | 74. |
| 4.2 | 100.9 | 12734.9 | 0.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 329.9 | 99.9 | 99.9 | 56.8 | 77. |
| 4.3 | 103.2 | 13071.2 | 0.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 329.9 | 99.9 | 99.9 | 59.8 | 80. |
| 4.4 | 105.5 | 13407.5 | 0.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 329.9 | 99.9 | 99.9 | 62.8 | 83. |
| 4.5 | 107.8 | 13743.8 | 0.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 329.9 | 99.9 | 99.9 | 65.8 | 86. |
| 4.6 | 110.1 | 14080.1 | 0.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 329.9 | 99.9 | 99.9 | 68.8 | 89. |
| 4.7 | 112.4 | 14416.4 | 0.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 329.9 | 99.9 | 99.9 | 71.8 | 92. |
| 4.8 | 114.7 | 14752.7 | 0.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 329.9 | 99.9 | 99.9 | 74.8 | 95. |
| 4.9 | 117.0 | 15089.0 | 0.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 329.9 | 99.9 | 99.9 | 77.8 | 98. |
| 5.0 | 119.3 | 15425.3 | 0.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 329.9 | 99.9 | 99.9 | 80.8 | 101. |
| 5.1 | 121.6 | 15761.6 | 0.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 329.9 | 99.9 | 99.9 | 83.8 | 104. |
| 5.2 | 123.9 | 16097.9 | 0.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 329.9 | 99.9 | 99.9 | 86.8 | 107. |
| 5.3 | 126.2 | 16434.2 | 0.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 329.9 | 99.9 | 99.9 | 89.8 | 110. |
| 5.4 | 128.5 | 16770.5 | 0.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 329.9 | 99.9 | 99.9 | 92.8 | 113. |
| 5.5 | 130.8 | 17106.8 | 0.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 329.9 | 99.9 | 99.9 | 95.8 | 116. |
| 5.6 | 133.1 | 17443.1 | 0.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 329.9 | 99.9 | 99.9 | 98.8 | 119. |
| 5.7 | 135.4 | 17779.4 | 0.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 329.9 | 99.9 | 99.9 | 101.8 | 122. |
| 5.8 | 137.7 | 18115.7 | 0.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 329.9 | 99.9 | 99.9 | 104.8 | 125. |
| 5.9 | 140.0 | 18452.0 | 0.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 329.9 | 99.9 | 99.9 | 107.8 | 128. |
| 6.0 | 142.3 | 18788.3 | 0.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 329.9 | 99.9 | 99.9 | 110.8 | 131. |
| 6.1 | 144.6 | 19124.6 | 0.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 329.9 | 99.9 | 99.9 | 113.8 | 134. |
| 6.2 | 146.9 | 19460.9 | 0.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 329.9 | 99.9 | 99.9 | 116.8 | 137. |
| 6.3 | 149.2 | 19797.2 | 0.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 329.9 | 99.9 | 99.9 | 119.8 | 140. |
| 6.4 | 151.5 | 20133.5 | 0.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 329.9 | 99.9 | 99.9 | 122.8 | 143. |
| 6.5 | 153.8 | 20469.8 | 0.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 329.9 | 99.9 | 99.9 | 125.8 | 146. |
| 6.6 | 156.1 | 20806.1 | 0.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 329.9 | 99.9 | 99.9 | 128.8 | 149. |
| 6.7 | 158.4 | 21142.4 | 0.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 329.9 | 99.9 | 99.9 | 131.8 | 152. |
| 6.8 | 160.7 | 21478.7 | 0.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 329.9 | 99.9 | 99.9 | 134.8 | 155. |
| 6.9 | 163.0 | 21815.0 | 0.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 329.9 | 99.9 | 99.9 | 137.8 | 158. |
| 7.0 | 165.3 | 22151.3 | 0.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 329.9 | 99.9 | 99.9 | 140.8 | 161. |
| 7.1 | 167.6 | 22487.6 | 0.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 329.9 | 99.9 | 99.9 | 143.8 | 164. |
| 7.2 | 169.9 | 22823.9 | 0.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 329.9 | 99.9 | 99.9 | 146.8 | 167. |
| 7.3 | 172.2 | 23160.2 | 0.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 329.9 | 99.9 | 99.9 | 149.8 | 170. |
| 7.4 | 174.5 | 23496.5 | 0.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 329.9 | 99.9 | 99.9 | 152.8 | 173. |
| 7.5 | 176.8 | 23832.8 | 0.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 329.9 | 99.9 | 99.9 | 155.8 | 176. |
| 7.6 | 179.1 | 24169.1 | 0.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 329.9 | 99.9 | 99.9 | 158.8 | 179. |
| 7.7 | 181.4 | 24505.4 | 0.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 329.9 | 99.9 | 99.9 | 161.8 | 182. |
| 7.8 | 183.7 | 24841.7 | 0.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 329.9 | 99.9 | 99.9 | 164.8 | 185. |
| 7.9 | 186.0 | 25178.0 | 0.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 329.9 | 99.9 | 99.9 | 167.8 | 188. |
| 8.0 | 188.3 | 25514.3 | | | | | | | | | | | | | |

STATION NO. 2
BARTLESVILLE, OKLAHOMA20 APRIL 1979
528 GMT

109 171. 0

| TIME MIN | CHTCT | HEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DEG K | E POT T DEG K | WX RTO GM/KG | RM PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|-----------------|-----------|-------------|-----------|
| 0.0 | 9.7 | 284.0 | 978.1 | 19.0 | 17.0 | 160.0 | 2.6 | -0.9 | 2.4 | 294.0 | 326.6 | 12.6 | 88.0 | 0.0 | 0. |
| 00.0 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.1 | 9.0 | 311.4 | 975.0 | 19.4 | 17.0 | 183.1 | 11.2 | 0.6 | 11.1 | 294.6 | 327.5 | 12.6 | 85.2 | 0.3 | 359. |
| 1.0 | 11.5 | 536.3 | 950.0 | 20.0 | 17.2 | 184.7 | 13.4 | 1.1 | 13.4 | 297.5 | 332.1 | 13.2 | 84.1 | 0.6 | 357. |
| 2.0 | 13.9 | 766.3 | 925.0 | 18.0 | 16.2 | 187.6 | 17.3 | 2.3 | 17.1 | 297.7 | 331.1 | 12.7 | 89.4 | 1.5 | 3. |
| 3.0 | 16.4 | 1001.5 | 900.0 | 16.9 | 15.8 | 186.9 | 18.1 | 2.2 | 17.9 | 299.0 | 332.5 | 12.6 | 92.7 | 2.6 | 5. |
| 4.0 | 18.8 | 1241.7 | 875.0 | 14.8 | 14.8 | 17.9 | 16.9 | 2.3 | 16.7 | 299.2 | 331.8 | 12.3 | 100.4 | 3.6 | 5. |
| 5.0 | 21.4 | 1487.2 | 850.0 | 13.3 | 12.8 | 185.3 | 16.4 | 1.5 | 16.4 | 300.1 | 329.7 | 11.1 | 97.1 | 4.6 | 6. |
| 6.0 | 24.2 | 1739.5 | 825.0 | 12.1 | 11.6 | 181.1 | 16.9 | 0.3 | 16.9 | 301.4 | 329.9 | 10.5 | 94.8 | 5.7 | 5. |
| 7.0 | 26.5 | 1997.1 | 800.0 | 11.8 | 8.5 | 181.4 | 15.9 | 0.4 | 15.9 | 303.8 | 327.9 | 8.7 | 79.7 | 6.7 | 5. |
| 8.0 | 29.1 | 2262.7 | 775.0 | 10.4 | 6.2 | 188.0 | 15.6 | 2.2 | 15.4 | 305.0 | 326.6 | 7.7 | 75.2 | 7.7 | 5. |
| 9.0 | 31.7 | 2535.6 | 750.0 | 9.2 | 2.0 | 191.3 | 13.1 | 2.6 | 12.8 | 306.6 | 323.4 | 5.9 | 60.5 | 8.6 | 5. |
| 10.0 | 34.4 | 2816.7 | 725.0 | 8.6 | -0.7 | 201.3 | 10.5 | 3.8 | 9.8 | 308.9 | 323.5 | 5.0 | 51.9 | 9.3 | 6. |
| 11.0 | 37.1 | 3106.1 | 700.0 | 6.4 | -2.9 | 210.1 | 10.7 | 5.4 | 9.3 | 309.6 | 322.6 | 4.4 | 51.5 | 9.9 | 7. |
| 12.0 | 39.9 | 3403.4 | 675.0 | 4.3 | -9.0 | 205.7 | 12.2 | 5.3 | 11.0 | 310.5 | 319.2 | 2.9 | 37.2 | 10.7 | 9. |
| 13.0 | 42.7 | 3709.4 | 650.0 | 2.0 | -13.2 | 200.0 | 11.9 | 5.2 | 10.7 | 311.2 | 317.8 | 2.1 | 31.2 | 11.6 | 10. |
| 14.0 | 45.6 | 4024.2 | 625.0 | -1.1 | -12.7 | 213.6 | 10.1 | 5.6 | 8.4 | 311.3 | 318.3 | 2.3 | 43.6 | 12.3 | 11. |
| 15.0 | 48.6 | 4348.6 | 600.0 | -3.8 | -7.7 | 214.3 | 10.3 | 5.8 | 8.5 | 311.7 | 322.4 | 3.6 | 74.4 | 13.1 | 13. |
| 16.0 | 51.5 | 4683.2 | 575.0 | -6.9 | -7.4 | 218.1 | 10.6 | 6.6 | 8.4 | 312.0 | 323.4 | 3.8 | 96.2 | 13.8 | 14. |
| 17.0 | 54.6 | 5028.4 | 550.0 | -9.9 | -29.5 | 227.0 | 10.2 | 7.4 | 6.9 | 313.6 | 315.7 | 0.6 | 18.1 | 14.6 | 16. |
| 18.0 | 57.9 | 5388.4 | 525.0 | -9.0 | -31.7 | 250.1 | 9.2 | 8.7 | 3.1 | 316.7 | 317.4 | 0.2 | 6.2 | 15.2 | 18. |
| 19.0 | 60.9 | 5762.6 | 500.0 | -13.1 | -36.4 | 250.5 | 9.5 | 9.0 | 3.2 | 317.1 | 318.3 | 0.3 | 12.4 | 15.6 | 20. |
| 20.0 | 64.1 | 6152.2 | 475.0 | -15.1 | -38.5 | 230.2 | 9.8 | 7.5 | 6.2 | 319.3 | 319.4 | 0.0 | 1.2 | 16.3 | 22. |
| 21.0 | 67.6 | 6558.1 | 450.0 | -15.1 | -32.4 | 221.6 | 10.4 | 6.9 | 7.8 | 320.5 | 320.8 | 0.1 | 4.3 | 17.1 | 23. |
| 22.0 | 71.0 | 6943.1 | 425.0 | -20.5 | -63.0 | 218.4 | 11.4 | 7.1 | 9.0 | 322.7 | 322.8 | 0.0 | 1.0 | 18.1 | 24. |
| 23.0 | 74.6 | 7428.6 | 400.0 | -24.2 | -65.4 | 210.3 | 10.8 | 5.5 | 9.3 | 323.5 | 323.6 | 0.0 | 1.0 | 19.1 | 25. |
| 24.0 | 78.3 | 7895.6 | 375.0 | -27.5 | -33.2 | 220.3 | 11.2 | 7.2 | 8.6 | 325.2 | 327.3 | 0.6 | 57.9 | 20.2 | 25. |
| 25.0 | 82.2 | 8369.0 | 350.0 | -31.3 | -39.5 | 238.2 | 13.4 | 11.2 | 7.5 | 326.5 | 327.8 | 0.3 | 43.9 | 21.4 | 26. |
| 26.0 | 86.2 | 8928.7 | 325.0 | -35.5 | -46.1 | 236.0 | 17.6 | 14.6 | 9.8 | 327.8 | 328.5 | 0.2 | 32.6 | 23.0 | 29. |
| 27.0 | 90.3 | 9460.6 | 300.0 | -39.9 | 99.9 | 235.6 | 21.2 | 17.5 | 12.0 | 329.2 | 329.9 | 99.9 | 99.9 | 25.2 | 31. |
| 28.0 | 94.7 | 10048.4 | 275.0 | -45.4 | 99.9 | 232.8 | 23.1 | 18.4 | 14.0 | 329.5 | 329.9 | 99.9 | 99.9 | 27.9 | 34. |
| 29.0 | 99.2 | 10677.0 | 250.0 | -50.6 | 99.9 | 222.9 | 24.0 | 16.3 | 17.6 | 330.9 | 329.9 | 99.9 | 99.9 | 31.6 | 36. |
| 30.0 | 104.2 | 11355.7 | 225.0 | -55.0 | 99.9 | 218.8 | 22.2 | 13.3 | 17.8 | 333.0 | 329.9 | 99.9 | 99.9 | 35.2 | 38. |
| 31.0 | 109.4 | 12098.5 | 200.0 | -60.3 | 99.9 | 228.9 | 28.0 | 21.1 | 18.4 | 337.3 | 329.9 | 99.9 | 99.9 | 39.1 | 38. |
| 32.0 | 115.0 | 12919.4 | 175.0 | -64.1 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 344.1 | 329.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 33.0 | 99.9 | 99.9 | 150.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 34.0 | 99.9 | 99.9 | 125.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 35.0 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 36.0 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 37.0 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 38.0 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 2
GARTLESVILLE, OKLAHOMA
20 APRIL 1979
000 GMT

| TIME MIN | CNCT | HEIGHT GPN | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POI T DG K | E POT T DG K | WIND CM/KG | RM PCT | RANGE KM | AZ DJ |
|-------------|------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|---------------|-----------|-------------|----------|
| 0.7 | 8.4 | 294.0 | 977.5 | 14.8 | 16.5 | 160.0 | 2.6 | -0.9 | 2.4 | 293.9 | 326.1 | 12.4 | 89.0 | 0.0 | 3. |
| 00.2 | 99.9 | 99.9 | 1030.0 | 92.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.7 | 8.4 | 306.2 | 975.0 | 19.2 | 17.4 | 166.1 | 7.3 | -1.7 | 7.1 | 294.5 | 328.3 | 13.0 | 83.5 | 0.1 | 353. |
| 0.8 | 10.4 | 531.0 | 950.0 | 19.9 | 19.5 | 192.4 | 16.8 | 0.7 | 16.7 | 297.4 | 334.8 | 14.3 | 81.2 | 0.7 | 347. |
| 1.0 | 12.9 | 751.0 | 925.0 | 19.5 | 16.3 | 193.2 | 16.5 | 3.8 | 16.1 | 295.2 | 331.9 | 17.7 | 87.0 | 1.4 | 359. |
| 2.1 | 15.1 | 926.8 | 900.0 | 19.3 | 14.8 | 201.6 | 16.2 | 6.0 | 15.0 | 300.4 | 332.1 | 11.9 | 80.0 | 2.2 | 6. |
| 3.1 | 17.1 | 1239.6 | 875.0 | 17.5 | 12.7 | 200.7 | 15.5 | 5.5 | 14.5 | 301.9 | 330.7 | 10.6 | 73.5 | 3.0 | 11. |
| 4.4 | 19.5 | 1456.5 | 850.0 | 16.1 | 11.3 | 203.5 | 15.6 | 5.1 | 14.3 | 303.0 | 330.2 | 10.0 | 70.4 | 4.0 | 13. |
| 5.4 | 21.4 | 1760.3 | 825.0 | 14.6 | 9.3 | 199.5 | 15.4 | 5.1 | 14.5 | 304.1 | 328.8 | 9.0 | 73.4 | 5.0 | 15. |
| 6.4 | 24.2 | 2000.4 | 800.0 | 13.4 | 7.9 | 201.1 | 16.0 | 5.8 | 15.0 | 305.4 | 328.4 | 8.4 | 69.5 | 5.8 | 16. |
| 7.1 | 26.5 | 2267.5 | 775.0 | 12.0 | 5.5 | 199.2 | 14.5 | 4.8 | 13.7 | 306.7 | 327.5 | 7.4 | 64.5 | 6.8 | 17. |
| 8.4 | 29.0 | 2541.3 | 750.0 | 9.9 | 4.3 | 202.1 | 14.2 | 5.4 | 13.2 | 307.3 | 327.1 | 7.0 | 69.2 | 7.7 | 17. |
| 9.4 | 31.4 | 2822.7 | 725.0 | 7.9 | 1.3 | 212.7 | 11.1 | 6.0 | 9.4 | 308.2 | 324.9 | 5.8 | 62.7 | 8.5 | 19. |
| 10.4 | 33.4 | 3111.4 | 700.0 | 5.8 | -2.0 | 214.1 | 9.0 | 5.0 | 7.5 | 308.9 | 322.4 | 4.7 | 57.3 | 9.1 | 19. |
| 11.4 | 35.3 | 3408.4 | 675.0 | 3.9 | -4.1 | 207.3 | 10.2 | 4.7 | 9.1 | 310.0 | 322.4 | 4.2 | 55.0 | 9.7 | 20. |
| 12.0 | 35.4 | 3714.2 | 650.0 | 1.6 | -3.9 | 204.8 | 11.0 | 4.6 | 10.0 | 310.8 | 323.8 | 4.4 | 66.5 | 10.4 | 20. |
| 14.2 | 41.4 | 4028.9 | 625.0 | -1.0 | -9.0 | 198.8 | 11.4 | 3.7 | 10.8 | 311.4 | 321.5 | 3.4 | 59.9 | 11.3 | 20. |
| 15.2 | 44.1 | 4342.9 | 600.0 | -4.1 | -5.6 | 191.5 | 9.9 | 2.0 | 9.7 | 311.2 | 323.6 | 4.2 | 90.8 | 12.2 | 23. |
| 16.2 | 46.7 | 4632.4 | 575.0 | -6.9 | -7.7 | 193.7 | 8.7 | 2.1 | 8.5 | 311.9 | 323.0 | 3.7 | 93.9 | 13.7 | 19. |
| 14.3 | 49.4 | 5013.0 | 550.0 | -9.8 | -11.3 | 198.1 | 7.4 | 2.3 | 7.0 | 312.5 | 321.4 | 2.9 | 87.4 | 13.7 | 19. |
| 19.2 | 52.2 | 5340.6 | 525.0 | -12.4 | -19.3 | 197.4 | 7.7 | 2.3 | 7.4 | 313.5 | 319.0 | 1.7 | 62.0 | 14.3 | 19. |
| 22.2 | 55.1 | 5742.5 | 500.0 | -13.9 | -21.2 | 200.9 | 8.2 | 2.9 | 7.7 | 316.2 | 320.7 | 1.4 | 53.8 | 15.3 | 19. |
| 24.1 | 58.1 | 6150.7 | 475.0 | -16.4 | -23.5 | 209.9 | 99.9 | 99.9 | 99.9 | 317.7 | 322.8 | 1.6 | 70.6 | 16.6 | 20. |
| 00.2 | 99.9 | 99.9 | 450.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.2 | 99.9 | 99.9 | 425.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.2 | 99.9 | 99.9 | 400.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.2 | 99.9 | 99.9 | 375.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.2 | 99.9 | 99.9 | 350.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.2 | 99.9 | 99.9 | 325.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.2 | 99.9 | 99.9 | 300.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.2 | 99.9 | 99.9 | 275.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.2 | 99.9 | 99.9 | 250.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.2 | 99.9 | 99.9 | 225.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.2 | 99.9 | 99.9 | 200.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.2 | 99.9 | 99.9 | 175.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.2 | 99.9 | 99.9 | 150.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.2 | 99.9 | 99.9 | 125.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.2 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.2 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.2 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.2 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 2
OAKESVILLE, OKLAHOMA

20 APRIL 1979
1105 GMT

129 101. 0

| TIME MIN | CNCTY | HEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DEG K | E POT T DEG K | WIND CM/KG | RM PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|---------------|-----------|-------------|-----------|
| 0.3 | 7.9 | 284.0 | 978.9 | 18.8 | 16.9 | 0.0 | 0.0 | 0.0 | 0.0 | 293.7 | 326.3 | 12.5 | 89.0 | 0.0 | 0. |
| 0.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.1 | 6.3 | 318.5 | 975.0 | 18.8 | 17.5 | 200.9 | 6.9 | 2.5 | 6.5 | 274.1 | 328.0 | 13.1 | 92.4 | 0.2 | 350. |
| 1.3 | 10.6 | 541.8 | 950.0 | 18.1 | 17.0 | 208.7 | 8.4 | 4.0 | 7.3 | 275.6 | 329.4 | 13.0 | 93.2 | 0.4 | 8. |
| 1.3 | 13.0 | 770.6 | 925.0 | 14.9 | 15.8 | 221.1 | 9.8 | 6.5 | 7.4 | 296.4 | 329.0 | 12.3 | 93.6 | 0.8 | 22. |
| 2.3 | 15.4 | 1004.6 | 900.0 | 16.2 | 14.6 | 223.0 | 13.0 | 8.9 | 9.5 | 298.7 | 329.4 | 11.0 | 90.2 | 1.4 | 32. |
| 3.7 | 17.9 | 1244.9 | 875.0 | 15.7 | 11.9 | 216.8 | 14.6 | 8.7 | 11.7 | 300.1 | 327.3 | 10.1 | 78.3 | 2.2 | 35. |
| 4.5 | 20.4 | 1431.4 | 855.0 | 14.0 | 10.0 | 217.5 | 12.0 | 7.8 | 10.2 | 301.7 | 328.0 | 9.7 | 77.0 | 3.0 | 35. |
| 5.5 | 23.0 | 1743.9 | 825.0 | 13.5 | 8.3 | 216.6 | 12.4 | 7.4 | 9.9 | 302.8 | 328.0 | 8.4 | 70.8 | 3.7 | 38. |
| 6.5 | 25.4 | 2032.8 | 800.0 | 11.8 | 6.5 | 218.7 | 12.6 | 7.9 | 9.8 | 303.7 | 328.0 | 6.0 | 80.5 | 4.4 | 39. |
| 7.5 | 28.0 | 2268.1 | 775.0 | 9.7 | 7.4 | 225.2 | 12.2 | 8.7 | 8.6 | 304.3 | 327.5 | 6.4 | 85.3 | 5.2 | 37. |
| 8.5 | 31.4 | 2512.1 | 750.0 | 8.2 | 4.6 | 226.1 | 10.8 | 7.7 | 7.5 | 305.5 | 325.6 | 7.1 | 77.9 | 5.9 | 38. |
| 9.7 | 33.3 | 2812.8 | 725.0 | 6.1 | 4.6 | 220.6 | 10.3 | 6.7 | 7.8 | 306.2 | 326.8 | 7.4 | 89.9 | 6.5 | 38. |
| 10.5 | 35.0 | 3115.9 | 700.0 | 4.6 | 2.2 | 219.9 | 9.8 | 6.3 | 7.5 | 307.6 | 325.9 | 6.4 | 84.1 | 7.1 | 38. |
| 11.5 | 38.4 | 3412.3 | 675.0 | 2.1 | 0.1 | 220.0 | 10.0 | 6.4 | 7.7 | 308.0 | 324.4 | 5.7 | 86.5 | 7.8 | 39. |
| 12.3 | 41.6 | 3716.8 | 650.0 | 0.2 | -1.2 | 210.4 | 9.5 | 4.8 | 8.2 | 309.1 | 324.9 | 5.4 | 90.9 | 8.5 | 39. |
| 14.1 | 44.4 | 4020.0 | 625.0 | -2.5 | -4.8 | 200.0 | 10.6 | 3.6 | 10.0 | 309.6 | 322.3 | 4.3 | 84.9 | 9.1 | 37. |
| 15.3 | 47.3 | 4342.8 | 600.0 | -4.8 | -12.7 | 99.9 | 99.9 | 99.9 | 99.9 | 310.5 | 317.9 | 2.4 | 53.8 | 99.9 | 99.9 |
| 16.3 | 50.3 | 4676.0 | 575.0 | -7.8 | -11.6 | 99.9 | 99.9 | 99.9 | 99.9 | 310.9 | 318.0 | 2.3 | 63.0 | 99.9 | 99.9 |
| 17.1 | 53.3 | 5020.1 | 550.0 | -10.6 | -12.4 | 99.9 | 99.9 | 99.9 | 99.9 | 311.5 | 319.7 | 2.7 | 47.0 | 99.9 | 99.9 |
| 19.3 | 56.4 | 5377.5 | 525.0 | -12.0 | -12.9 | 99.9 | 99.9 | 99.9 | 99.9 | 314.0 | 322.3 | 2.7 | 93.0 | 99.9 | 99.9 |
| 20.5 | 59.6 | 5750.6 | 500.0 | -12.8 | -23.3 | 99.9 | 99.9 | 99.9 | 99.9 | 317.4 | 321.3 | 1.2 | 41.8 | 12.4 | 30. |
| 22.3 | 62.9 | 6140.1 | 475.0 | -15.2 | -22.1 | 231.5 | 10.9 | 8.5 | 6.8 | 319.1 | 323.5 | 1.3 | 54.6 | 13.7 | 31. |
| 23.5 | 64.1 | 6446.4 | 450.0 | -19.3 | -23.2 | 235.0 | 12.9 | 10.6 | 7.4 | 320.2 | 324.5 | 1.3 | 65.6 | 14.7 | 33. |
| 24.7 | 69.6 | 6708.7 | 425.0 | -21.4 | -25.5 | 235.6 | 10.3 | 8.5 | 5.8 | 321.5 | 325.3 | 1.1 | 69.6 | 15.5 | 34. |
| 26.3 | 73.1 | 7415.3 | 400.0 | -24.7 | -29.9 | 232.2 | 9.0 | 8.0 | 4.2 | 322.9 | 325.6 | 0.8 | 61.7 | 16.2 | 35. |
| 28.1 | 76.7 | 7891.8 | 375.0 | -29.3 | -36.6 | 240.1 | 10.0 | 8.6 | 5.0 | 324.2 | 325.7 | 0.4 | 41.2 | 17.2 | 37. |
| 29.4 | 80.4 | 8372.2 | 350.0 | -32.4 | -41.4 | 235.5 | 11.5 | 9.5 | 6.5 | 325.0 | 326.1 | 0.3 | 39.9 | 18.2 | 38. |
| 31.4 | 84.5 | 8894.8 | 325.0 | -37.0 | -50.2 | 233.8 | 13.3 | 10.7 | 7.8 | 325.8 | 326.2 | 0.1 | 23.5 | 19.4 | 39. |
| 33.4 | 88.7 | 9439.6 | 300.0 | -41.4 | 99.9 | 226.5 | 17.1 | 12.4 | 11.8 | 327.0 | 99.9 | 99.9 | 99.9 | 21.1 | 40. |
| 35.5 | 93.2 | 10322.9 | 275.0 | -46.3 | 99.9 | 219.6 | 19.6 | 12.5 | 15.1 | 328.2 | 99.9 | 99.9 | 99.9 | 23.4 | 40. |
| 37.5 | 97.9 | 11348.5 | 250.0 | -51.5 | 99.9 | 223.1 | 23.5 | 16.0 | 17.1 | 329.5 | 99.9 | 99.9 | 99.9 | 24.1 | 40. |
| 40.3 | 102.4 | 11373.6 | 225.0 | -57.1 | 99.9 | 236.3 | 28.7 | 23.9 | 15.9 | 331.0 | 99.9 | 99.9 | 99.9 | 29.6 | 41. |
| 42.4 | 109.0 | 12061.6 | 200.0 | -61.3 | 99.9 | 246.6 | 35.9 | 32.4 | 15.4 | 335.7 | 99.9 | 99.9 | 99.9 | 34.2 | 44. |
| 45.1 | 113.5 | 12487.6 | 175.0 | -61.6 | 99.9 | 256.7 | 25.9 | 25.2 | 6.0 | 348.3 | 99.9 | 99.9 | 99.9 | 39.2 | 47. |
| 48.2 | 120.0 | 13464.3 | 150.0 | -60.8 | 99.9 | 266.5 | 12.5 | 12.5 | 0.8 | 365.4 | 99.9 | 99.9 | 99.9 | 41.8 | 50. |
| 51.5 | 127.0 | 14979.0 | 125.0 | -61.9 | 99.9 | 251.1 | 11.4 | 10.8 | 3.7 | 383.0 | 99.9 | 99.9 | 99.9 | 44.1 | 51. |
| 59.3 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 59.3 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 59.3 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 59.3 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 3
COLUMBIA, MISSOURI

19 APRIL 1979
1123 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | W PCY | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|---------------|-----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|----------|-------------|----------|
| 0.0 | 7.7 | 253.0 | 990.7 | 13.1 | 7.8 | 120.0 | 5.1 | -4.4 | 2.5 | 287.0 | 304.5 | 6.7 | 70.0 | 0.0 | 0. |
| 99.9 | 95.9 | 99.9 | 1003.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999. |
| 0.4 | 9.0 | 387.6 | 975.0 | 13.6* | 7.3 | 150.7 | 16.1 | -7.9 | 14.1 | 288.8 | 306.1 | 6.6 | 65.4 | 0.2 | 20. |
| 1.1 | 11.2 | 607.5 | 950.0 | 15.6 | 7.3 | 158.4 | 15.4 | -5.7 | 14.3 | 293.0 | 311.1 | 6.8 | 57.7 | 0.7 | 342. |
| 1.9 | 13.3 | 934.3 | 925.0 | 16.0 | 9.2 | 165.4 | 12.8 | -3.2 | 12.4 | 295.7 | 317.0 | 7.9 | 63.9 | 1.4 | 343. |
| 2.9 | 15.5 | 1062.0 | 903.0 | 14.5 | 7.7 | 171.6 | 13.6 | -2.0 | 13.4 | 296.5 | 316.3 | 7.3 | 63.3 | 2.0 | 345. |
| 3.5 | 17.4 | 1304.4 | 175.0 | 12.4 | 6.3 | 182.6 | 13.7 | 0.6 | 13.6 | 296.7 | 316.4 | 6.9 | 65.3 | 2.7 | 347. |
| 4.4 | 20.1 | 1547.1 | 150.0 | 10.3 | 5.9 | 190.8 | 13.8 | 2.6 | 13.5 | 297.0 | 315.6 | 6.9 | 73.9 | 3.3 | 352. |
| 5.2 | 22.4 | 1795.3 | 825.0 | 8.5 | 4.9 | 205.9 | 15.0 | 6.6 | 13.5 | 297.5 | 315.6 | 6.6 | 78.3 | 4.0 | 356. |
| 6.2 | 24.6 | 2049.0 | 803.0 | 6.2 | 3.7 | 208.6 | 17.2 | 8.2 | 15.1 | 297.7 | 314.9 | 6.3 | 84.5 | 4.8 | 3. |
| 7.1 | 27.0 | 2308.7 | 775.0 | 4.5 | 3.9 | 207.5 | 15.1 | 7.0 | 13.4 | 298.7 | 316.6 | 6.6 | 95.5 | 5.6 | 6. |
| 8.2 | 29.4 | 2575.8 | 753.0 | 3.3 | 3.0 | 220.6 | 12.7 | 8.3 | 9.7 | 300.2 | 317.8 | 6.4 | 97.9 | 6.5 | 10. |
| 9.2 | 31.8 | 2852.0 | 725.0 | 3.7 | 3.7 | 243.6 | 12.0 | 10.7 | 5.3 | 303.5 | 322.7 | 6.9 | 100.2 | 7.0 | 14. |
| 10.2 | 34.2 | 3136.8 | 700.0 | 2.0 | 1.9 | 259.5 | 10.8 | 10.6 | 2.0 | 304.7 | 322.5 | 6.3 | 99.7 | 7.4 | 19. |
| 11.2 | 36.7 | 3429.8 | 675.0 | -0.0 | -0.1 | 280.2 | 9.3 | 9.2 | -1.7 | 305.7 | 321.7 | 5.7 | 99.4 | 7.6 | 23. |
| 12.4 | 39.3 | 3731.6 | 650.0 | -1.9 | -2.7 | 296.9 | 9.3 | 8.3 | -4.2 | 306.8 | 320.8 | 4.8 | 94.2 | 7.7 | 27. |
| 13.7 | 41.9 | 4042.8 | 625.0 | -4.0 | -5.4 | 300.6 | 9.7 | 8.4 | -4.9 | 307.8 | 319.8 | 4.1 | 93.0 | 7.6 | 33. |
| 14.4 | 44.5 | 4368.6 | 600.0 | -5.4 | -7.3 | 294.3 | 7.9 | 7.2 | -3.2 | 309.8 | 320.8 | 3.7 | 85.8 | 7.7 | 37. |
| 15.2 | 47.2 | 4697.7 | 575.0 | -7.5 | -7.8 | 296.1 | 6.7 | 6.0 | -3.0 | 311.2 | 322.3 | 3.7 | 98.3 | 7.9 | 41. |
| 17.4 | 50.7 | 5302.3 | 550.0 | -10.1 | -10.6 | 291.0 | 6.0 | 5.6 | -2.1 | 312.1 | 321.5 | 3.1 | 95.3 | 8.0 | 45. |
| 18.6 | 52.8 | 5800.0 | 525.0 | -12.3 | -14.9 | 269.5 | 6.9 | 6.9 | 0.1 | 313.6 | 320.8 | 2.3 | 81.1 | 8.3 | 47. |
| 20.0 | 55.7 | 5771.3 | 500.0 | -15.1 | -17.4 | 262.7 | 6.6 | 6.6 | 0.8 | 314.7 | 320.8 | 1.9 | 81.9 | 8.7 | 50. |
| 21.3 | 58.6 | 6157.5 | 475.0 | -17.6 | -18.4 | 250.7 | 5.9 | 5.6 | 2.0 | 316.1 | 322.1 | 1.9 | 94.1 | 9.2 | 51. |
| 22.9 | 61.6 | 6550.6 | 450.0 | -20.3 | -23.3 | 253.5 | 5.2 | 5.0 | 1.5 | 317.8 | 322.0 | 1.3 | 78.5 | 9.6 | 52. |
| 24.4 | 64.8 | 6951.1 | 425.0 | -23.8 | -27.1 | 254.1 | 5.2 | 5.0 | 1.4 | 318.5 | 321.7 | 1.0 | 73.5 | 10.1 | 53. |
| 25.9 | 68.0 | 7421.1 | 400.0 | -27.4 | -34.8 | 261.1 | 5.9 | 5.9 | 0.9 | 319.4 | 321.1 | 0.5 | 45.9 | 10.5 | 54. |
| 27.4 | 71.3 | 7993.3 | 375.0 | -30.6 | -35.2 | 291.2 | 6.1 | 5.7 | -2.2 | 321.1 | 323.0 | 0.6 | 69.0 | 10.9 | 56. |
| 29.2 | 74.7 | 8369.4 | 350.0 | -34.8 | -44.6 | 310.7 | 5.3 | 4.0 | -3.4 | 321.8 | 322.5 | 0.2 | 36.1 | 11.2 | 59. |
| 31.0 | 78.3 | 8994.5 | 325.0 | -39.0 | 99.9 | 325.6 | 4.4 | 2.5 | -3.6 | 323.0 | 949.9 | 99.9 | 999.9 | 11.3 | 61. |
| 33.0 | 82.0 | 9420.4 | 300.0 | -43.2 | 99.9 | 298.9 | 4.9 | 4.3 | -2.4 | 324.4 | 999.9 | 99.9 | 999.9 | 11.5 | 64. |
| 35.3 | 86.0 | 10006.6 | 275.0 | -47.7 | 99.9 | 285.9 | 5.5 | 5.3 | -1.5 | 326.2 | 999.9 | 99.9 | 999.9 | 11.9 | 66. |
| 37.8 | 90.2 | 10629.8 | 250.0 | -52.5 | 99.9 | 285.0 | 8.6 | 8.3 | -2.2 | 328.1 | 999.9 | 99.9 | 999.9 | 12.7 | 69. |
| 40.2 | 94.4 | 11301.5 | 225.0 | -58.2 | 99.9 | 260.2 | 10.1 | 9.9 | 1.7 | 329.4 | 999.9 | 99.9 | 999.9 | 14.0 | 71. |
| 43.0 | 99.2 | 12034.2 | 200.0 | -62.9 | 99.9 | 268.8 | 12.1 | 12.1 | 0.3 | 333.1 | 999.9 | 99.9 | 999.9 | 15.8 | 72. |
| 45.0 | 104.3 | 12451.5 | 175.0 | -64.7 | 99.9 | 285.4 | 17.6 | 17.0 | -4.7 | 343.2 | 999.9 | 99.9 | 999.9 | 18.1 | 76. |
| 49.3 | 109.4 | 13798.6 | 150.0 | -64.0 | 99.9 | 287.3 | 19.5 | 18.6 | -5.8 | 359.8 | 999.9 | 99.9 | 999.9 | 21.1 | 82. |
| 53.3 | 115.4 | 14917.2 | 125.0 | -63.5 | 99.9 | 281.9 | 22.9 | 22.5 | -4.7 | 380.0 | 999.9 | 99.9 | 999.9 | 26.2 | 86. |
| 99.9 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999. |
| 99.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999. |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999. |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 3
COLUMBIA, MISSOURI

| 19 APRIL 1979 1406 GMT | | | | | | | | | | | | | | | 117 104. 0 | | |
|---------------------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|------------|--|--|
| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MR RTQ GM/KG | RH PCT | RANGE KM | AZ DG | | |
| 0-0 | 7-3 | 253-0 | 990-7 | 14-4 | 7-9 | 120-0 | 5-7 | -4-9 | 2-8 | 298-3 | 306-0 | 6-8 | 65-0 | 0-0 | 0- | | |
| 00-9 | 99-9 | 99-9 | 1000-0 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 999-9 | 999-9 | 99-9 | | |
| 0-5 | 8-7 | 358-1 | 975-0 | 14-0 | 6-1 | 153-1 | 14-0 | -6-3 | 12-5 | 289-2 | 305-3 | 6-1 | 59-2 | 0-2 | 33- | | |
| 1-4 | 10-9 | 607-6 | 950-0 | 15-7 | 6-8 | 172-9 | 17-6 | -2-2 | 17-4 | 293-1 | 310-7 | 6-6 | 53-5 | 0-9 | 35- | | |
| 2-2 | 13-1 | 835-0 | 925-0 | 15-8 | 8-9 | 186-7 | 16-9 | 2-0 | 16-7 | 296-5 | 317-4 | 7-8 | 59-4 | 1-9 | 35- | | |
| 3-1 | 15-4 | 1068-4 | 900-0 | 15-5 | 7-8 | 194-7 | 14-4 | 3-7 | 13-9 | 297-5 | 317-6 | 7-4 | 60-0 | 2-7 | 2- | | |
| 4-1 | 17-6 | 1306-8 | 875-0 | 13-6 | 6-9 | 199-6 | 13-5 | 4-5 | 12-7 | 297-9 | 317-5 | 7-2 | 64-0 | 3-5 | 5- | | |
| 5-0 | 20-0 | 1550-1 | 850-0 | 11-0 | 6-4 | 203-9 | 13-8 | 5-6 | 12-6 | 297-7 | 317-0 | 7-1 | 73-0 | 4-2 | 8- | | |
| 5-3 | 22-3 | 1778-9 | 825-0 | 8-9 | 8-1 | 209-0 | 13-3 | 6-4 | 11-6 | 298-0 | 320-3 | 8-3 | 94-4 | 4-9 | 11- | | |
| 6-4 | 24-6 | 2053-4 | 800-0 | 6-9 | 5-9 | 201-8 | 11-3 | 4-2 | 10-5 | 298-5 | 318-3 | 7-3 | 93-5 | 5-6 | 13- | | |
| 7-8 | 27-0 | 2314-3 | 775-0 | 6-2 | 5-4 | 214-7 | 8-7 | 5-0 | 7-1 | 300-4 | 320-5 | 7-3 | 94-9 | 6-2 | 14- | | |
| 8-5 | 29-4 | 2583-3 | 750-0 | 5-1 | 4-4 | 236-8 | 8-2 | 6-8 | 4-5 | 302-1 | 321-6 | 7-0 | 95-5 | 6-5 | 16- | | |
| 9-4 | 31-9 | 2859-8 | 725-0 | 3-6 | 2-4 | 251-6 | 8-7 | 8-2 | 2-7 | 303-5 | 321-1 | 6-3 | 91-8 | 6-9 | 19- | | |
| 10-9 | 34-4 | 3145-1 | 700-0 | 2-7 | 0-5 | 277-4 | 8-3 | 8-3 | -1-1 | 303-5 | 321-7 | 5-7 | 85-5 | 7-1 | 24- | | |
| 12-1 | 36-9 | 3438-7 | 675-0 | 0-7 | -2-4 | 282-4 | 8-1 | 7-9 | -1-7 | 303-5 | 320-2 | 4-8 | 79-6 | 7-3 | 28- | | |
| 13-3 | 39-5 | 3740-9 | 650-0 | -1-7 | -3-4 | 287-1 | 7-8 | 7-4 | -2-3 | 307-0 | 320-3 | 4-6 | 83-6 | 7-4 | 32- | | |
| 14-5 | 42-1 | 4051-9 | 625-0 | -4-2 | -5-0 | 291-9 | 9-4 | 8-7 | -3-5 | 307-7 | 320-0 | 4-2 | 94-0 | 7-6 | 37- | | |
| 15-7 | 44-8 | 4373-2 | 600-0 | -7-4 | -12-8 | 299-3 | 11-8 | 10-3 | -5-8 | 309-9 | 317-1 | 2-4 | 56-0 | 7-8 | 42- | | |
| 17-0 | 47-6 | 4706-0 | 575-0 | -10-7 | -15-2 | 294-9 | 12-8 | 11-6 | -5-4 | 310-7 | 317-0 | 2-0 | 55-7 | 8-0 | 49- | | |
| 18-2 | 50-1 | 5049-9 | 550-0 | -10-7 | -14-2 | 289-1 | 10-6 | 10-0 | -3-5 | 311-4 | 318-5 | 2-3 | 75-4 | 8-3 | 54- | | |
| 19-5 | 53-2 | 5406-4 | 525-0 | -13-0 | -15-1 | 284-1 | 5-6 | 5-5 | -1-4 | 312-8 | 319-8 | 2-2 | 83-8 | 8-9 | 58- | | |
| 21-1 | 56-1 | 5776-8 | 500-0 | -15-6 | -17-4 | 266-6 | 2-6 | 2-6 | 0-2 | 314-1 | 320-2 | 2-0 | 85-8 | 9-1 | 59- | | |
| 22-6 | 59-1 | 6162-8 | 475-0 | -17-5 | -23-3 | 260-1 | 3-8 | 3-7 | 0-6 | 316-3 | 320-3 | 1-2 | 60-2 | 9-4 | 60- | | |
| 24-0 | 62-3 | 6565-8 | 450-0 | -20-7 | -26-3 | 262-3 | 4-5 | 4-4 | 0-6 | 317-2 | 320-4 | 1-0 | 60-6 | 9-7 | 61- | | |
| 25-4 | 65-4 | 6995-8 | 425-0 | -23-6 | -27-6 | 288-4 | 3-7 | 3-5 | -1-2 | 318-7 | 321-8 | 0-9 | 69-9 | 10-1 | 61- | | |
| 27-0 | 68-6 | 7426-9 | 400-0 | -26-4 | -32-1 | 313-5 | 3-6 | 2-6 | -2-5 | 320-7 | 322-9 | 0-6 | 58-3 | 10-2 | 63- | | |
| 28-3 | 72-0 | 7999-7 | 375-0 | -29-8 | -35-5 | 321-9 | 4-0 | 2-5 | -3-1 | 322-1 | 323-8 | 0-5 | 57-2 | 10-3 | 65- | | |
| 29-9 | 75-6 | 8377-6 | 350-0 | -34-1 | -40-5 | 326-7 | 4-3 | 2-4 | -3-6 | 322-8 | 323-9 | 0-3 | 52-0 | 10-4 | 68- | | |
| 32-6 | 79-1 | 8922-1 | 325-0 | -39-1 | 99-9 | 321-6 | 5-1 | 3-2 | -4-0 | 324-1 | 999-9 | 99-9 | 999-9 | 10-5 | 71- | | |
| 34-7 | 83-0 | 9437-4 | 300-0 | -42-9 | 99-9 | 308-6 | 3-7 | 2-9 | -2-3 | 324-9 | 999-9 | 99-9 | 999-9 | 10-8 | 73- | | |
| 36-7 | 86-9 | 10019-1 | 275-0 | -47-3 | 99-9 | 306-5 | 5-2 | 4-2 | -3-1 | 326-7 | 999-9 | 99-9 | 999-9 | 11-0 | 76- | | |
| 39-0 | 91-0 | 10643-0 | 250-0 | -51-6 | 99-9 | 283-3 | 9-0 | 8-8 | -2-1 | 329-4 | 999-9 | 99-9 | 999-9 | 11-7 | 78- | | |
| 41-3 | 95-5 | 11320-7 | 225-0 | -56-2 | 99-9 | 280-6 | 12-7 | 12-5 | -2-3 | 332-3 | 999-9 | 99-9 | 999-9 | 13-3 | 80- | | |
| 44-1 | 100-2 | 12059-9 | 200-0 | -61-5 | 99-9 | 291-0 | 12-5 | 11-7 | -4-5 | 335-4 | 999-9 | 99-9 | 999-9 | 15-2 | 84- | | |
| 47-2 | 105-4 | 12840-8 | 175-0 | -63-9 | 99-9 | 285-7 | 15-3 | 14-7 | -4-2 | 344-6 | 999-9 | 99-9 | 999-9 | 17-5 | 87- | | |
| 50-4 | 111-0 | 13930-6 | 150-0 | -63-0 | 99-9 | 280-3 | 20-4 | 20-0 | -3-6 | 361-6 | 999-9 | 99-9 | 999-9 | 20-6 | 90- | | |
| 54-2 | 117-0 | 14956-6 | 125-0 | -63-6 | 99-9 | 999-9 | 99-9 | 99-9 | 99-9 | 379-9 | 999-9 | 99-9 | 999-9 | 25-8 | 92- | | |
| 99-4 | 99-9 | 99-9 | 100-0 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 999-9 | 99-9 | 999-9 | 999-9 | 99-9 | | |
| 99-9 | 99-9 | 99-9 | 75-0 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 999-9 | 99-9 | 999-9 | 999-9 | 99-9 | | |
| 99-9 | 99-9 | 99-9 | 50-0 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 999-9 | 99-9 | 999-9 | 999-9 | 99-9 | | |
| 99-9 | 99-9 | 99-9 | 25-0 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 999-9 | 99-9 | 999-9 | 999-9 | 99-9 | | |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 3
COLUMBIA, MISSOURI

19 APRIL 1979
1705 GMT

| TIME MIN | CNTCT | HEIGHT GCM | PRES MM | TEMP DEG C | DEW PT DEG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | WX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|---------------|-----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 7.3 | 250.0 | 999.6 | 21.4 | 9.3 | 99.9 | 99.9 | 99.9 | 99.9 | 295.4 | 315.5 | 7.5 | 46.0 | 999.9 | 999.9 |
| 99.4 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.6 | 9.6 | 391.3 | 975.0 | 19.5 | 7.3 | 99.9 | 99.9 | 99.9 | 99.9 | 294.7 | 312.5 | 6.6 | 45.2 | 999.9 | 999.9 |
| 1.4 | 11.0 | 633.9 | 950.0 | 17.4 | 6.3 | 99.9 | 99.9 | 99.9 | 99.9 | 294.9 | 312.0 | 6.3 | 45.1 | 999.9 | 999.9 |
| 2.4 | 13.4 | 931.1 | 925.0 | 15.8 | 6.3 | 99.9 | 99.9 | 99.9 | 99.9 | 295.5 | 313.0 | 6.5 | 53.1 | 999.9 | 999.9 |
| 3.4 | 15.4 | 1263.5 | 900.0 | 15.0 | 7.4 | 99.9 | 99.9 | 99.9 | 99.9 | 297.0 | 316.5 | 7.2 | 63.2 | 999.9 | 999.9 |
| 4.4 | 17.4 | 1501.9 | 875.0 | 13.5 | 7.1 | 99.9 | 99.9 | 99.9 | 99.9 | 297.8 | 317.5 | 7.2 | 65.0 | 999.9 | 999.9 |
| 5.4 | 20.7 | 1545.5 | 850.0 | 11.8 | 6.5 | 99.9 | 99.9 | 99.9 | 99.9 | 298.6 | 318.2 | 7.2 | 70.0 | 999.9 | 999.9 |
| 6.4 | 23.2 | 1794.8 | 825.0 | 9.7 | 5.3 | 99.9 | 99.9 | 99.9 | 99.9 | 298.9 | 317.5 | 6.8 | 74.1 | 999.9 | 999.9 |
| 7.4 | 25.8 | 2350.3 | 800.0 | 8.5 | 5.3 | 99.9 | 99.9 | 99.9 | 99.9 | 300.2 | 319.5 | 7.0 | 80.3 | 999.9 | 999.9 |
| 8.4 | 28.3 | 2312.6 | 775.0 | 7.1 | 3.9 | 99.9 | 99.9 | 99.9 | 99.9 | 301.4 | 319.7 | 6.6 | 80.5 | 999.9 | 999.9 |
| 9.5 | 31.0 | 2581.8 | 750.0 | 5.4 | 3.5 | 99.9 | 99.9 | 99.9 | 99.9 | 302.4 | 320.8 | 6.6 | 87.8 | 999.9 | 999.9 |
| 10.5 | 33.6 | 2359.6 | 725.0 | 3.4 | 2.3 | 99.9 | 99.9 | 99.9 | 99.9 | 303.2 | 320.8 | 6.3 | 92.8 | 999.9 | 999.9 |
| 11.5 | 36.3 | 3143.4 | 700.0 | 2.6 | 0.5 | 99.9 | 99.9 | 99.9 | 99.9 | 305.4 | 321.6 | 5.7 | 85.8 | 999.9 | 999.9 |
| 12.7 | 39.0 | 3437.3 | 675.0 | 1.2 | -1.1 | 99.9 | 99.9 | 99.9 | 99.9 | 307.0 | 322.1 | 5.3 | 84.7 | 999.9 | 999.9 |
| 13.4 | 41.4 | 3740.2 | 650.0 | -1.2 | -4.9 | 99.9 | 99.9 | 99.9 | 99.9 | 307.6 | 319.6 | 4.1 | 75.9 | 999.9 | 999.9 |
| 15.0 | 44.7 | 4052.1 | 625.0 | -3.1 | -9.8 | 99.9 | 99.9 | 99.9 | 99.9 | 308.9 | 317.6 | 2.9 | 63.2 | 999.9 | 999.9 |
| 16.7 | 47.6 | 4374.7 | 600.0 | -4.8 | -13.0 | 99.9 | 99.9 | 99.9 | 99.9 | 310.6 | 317.7 | 2.3 | 52.5 | 999.9 | 999.9 |
| 17.4 | 50.6 | 4707.6 | 575.0 | -7.9 | -16.7 | 99.9 | 99.9 | 99.9 | 99.9 | 310.8 | 317.3 | 2.1 | 57.7 | 999.9 | 999.9 |
| 19.4 | 53.6 | 5051.6 | 550.0 | -10.4 | -18.4 | 99.9 | 99.9 | 99.9 | 99.9 | 311.8 | 316.9 | 1.6 | 51.6 | 999.9 | 999.9 |
| 19.7 | 56.6 | 5308.9 | 525.0 | -12.0 | -21.7 | 99.9 | 99.9 | 99.9 | 99.9 | 314.0 | 318.1 | 1.3 | 44.2 | 999.9 | 999.9 |
| 21.4 | 59.9 | 5780.8 | 500.0 | -13.7 | -24.2 | 99.9 | 99.9 | 99.9 | 99.9 | 316.3 | 319.9 | 1.1 | 41.2 | 999.9 | 999.9 |
| 22.7 | 63.1 | 6169.0 | 475.0 | -15.2 | -25.6 | 99.9 | 99.9 | 99.9 | 99.9 | 317.9 | 319.3 | 0.4 | 16.8 | 999.9 | 999.9 |
| 24.3 | 66.6 | 6573.9 | 450.0 | -17.1 | -27.1 | 99.9 | 99.9 | 99.9 | 99.9 | 319.2 | 320.0 | 0.2 | 11.7 | 999.9 | 999.9 |
| 25.4 | 70.0 | 6996.1 | 425.0 | -22.7 | -32.9 | 99.9 | 99.9 | 99.9 | 99.9 | 319.8 | 321.8 | 0.6 | 39.6 | 999.9 | 999.9 |
| 27.4 | 73.6 | 7498.3 | 400.0 | -25.8 | -33.9 | 99.9 | 99.9 | 99.9 | 99.9 | 321.5 | 323.4 | 0.5 | 46.2 | 999.9 | 999.9 |
| 29.1 | 77.2 | 7902.4 | 375.0 | -29.6 | -37.6 | 99.9 | 99.9 | 99.9 | 99.9 | 322.4 | 323.8 | 0.4 | 45.3 | 999.9 | 999.9 |
| 30.7 | 81.0 | 8391.0 | 350.0 | -33.3 | -40.9 | 99.9 | 99.9 | 99.9 | 99.9 | 323.8 | 324.9 | 0.3 | 46.1 | 999.9 | 999.9 |
| 32.5 | 85.0 | 8926.3 | 325.0 | -39.0 | -45.4 | 99.9 | 99.9 | 99.9 | 99.9 | 324.3 | 325.0 | 0.2 | 45.5 | 999.9 | 999.9 |
| 34.5 | 89.2 | 9452.2 | 300.0 | -42.5 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 325.5 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 36.5 | 93.6 | 10033.6 | 275.0 | -47.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 326.8 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 38.7 | 98.2 | 10657.7 | 250.0 | -51.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 328.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 40.3 | 103.2 | 11332.8 | 225.0 | -56.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 331.4 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 43.3 | 108.5 | 12072.2 | 200.0 | -61.4 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 335.6 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 46.1 | 116.3 | 12992.2 | 175.0 | -64.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 343.2 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 49.1 | 120.7 | 13836.8 | 150.0 | -64.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 359.8 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 52.3 | 127.7 | 14957.6 | 125.0 | -64.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 379.2 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.4 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.7 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY FEND MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

| STATION NO. 3 COLUMBIA, MISSOURI | | | | | | | | | | | | | | | |
|-------------------------------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 19 APRIL 1979 2006 GMT | | | | | | | | | | | | | | | |
| TIME MIN | CNTCT | HEIGHT GPN | PRES MB | TEMP CG C | DEW PT CG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
| 0.7 | 8.7 | 253.0 | 787.2 | 24.9 | 10.7 | 140.0 | 8.2 | -5.3 | 6.3 | 299.2 | 321.5 | 8.3 | 41.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.2 | 9.1 | 341.8 | 975.0 | 23.5 | 9.7 | 153.9 | 9.5 | -3.2 | 8.6 | 298.8 | 319.9 | 7.8 | 41.5 | 0.3 | 50. |
| 0.9 | 11.5 | 597.9 | 950.0 | 21.6 | 9.1 | 160.2 | 9.9 | -3.4 | 9.3 | 299.1 | 319.9 | 7.7 | 44.8 | 0.4 | 20. |
| 1.5 | 13.9 | 818.2 | 925.0 | 19.1 | 7.9 | 166.3 | 9.9 | -2.3 | 9.6 | 298.9 | 318.6 | 7.3 | 48.1 | 0.8 | 4. |
| 2.3 | 16.3 | 1052.8 | 900.0 | 16.8 | 7.5 | 180.8 | 9.9 | 0.1 | 9.9 | 298.9 | 318.7 | 7.3 | 50.1 | 1.2 | 0. |
| 3.1 | 18.7 | 1292.5 | 875.0 | 15.2 | 6.7 | 195.0 | 8.9 | 2.3 | 8.6 | 299.6 | 319.0 | 7.1 | 56.7 | 1.6 | 2. |
| 4.3 | 21.2 | 1538.1 | 850.0 | 14.6 | 6.4 | 206.0 | 9.7 | 4.2 | 8.7 | 301.5 | 321.2 | 7.1 | 57.9 | 2.1 | 7. |
| 4.9 | 23.7 | 1799.9 | 825.0 | 12.4 | 5.7 | 217.4 | 9.3 | 5.7 | 7.4 | 301.7 | 321.1 | 7.0 | 64.0 | 2.6 | 11. |
| 5.7 | 26.3 | 2047.2 | 800.0 | 10.1 | 5.1 | 220.4 | 10.7 | 6.9 | 8.2 | 301.9 | 321.1 | 6.9 | 71.0 | 3.0 | 16. |
| 6.7 | 29.9 | 2310.6 | 775.0 | 7.8 | 4.8 | 224.5 | 11.9 | 8.4 | 8.5 | 302.2 | 321.6 | 7.0 | 80.9 | 3.7 | 20. |
| 7.5 | 31.5 | 2590.5 | 750.0 | 5.7 | 4.5 | 236.7 | 10.0 | 8.4 | 5.5 | 302.8 | 322.4 | 7.1 | 91.5 | 4.2 | 25. |
| 8.7 | 34.2 | 2858.1 | 725.0 | 5.3 | 2.1 | 240.4 | 10.4 | 9.1 | 5.2 | 305.2 | 322.7 | 6.2 | 80.0 | 4.7 | 29. |
| 9.5 | 36.9 | 3145.1 | 700.0 | 4.5 | -1.1 | 247.5 | 10.6 | 9.8 | 4.1 | 307.5 | 322.1 | 5.1 | 65.9 | 5.2 | 33. |
| 10.5 | 39.7 | 3441.0 | 675.0 | 2.8 | -2.8 | 260.3 | 11.4 | 11.2 | 1.9 | 308.8 | 322.2 | 4.6 | 66.6 | 5.7 | 37. |
| 11.6 | 42.4 | 3745.6 | 650.0 | 0.7 | -8.2 | 270.8 | 11.6 | 11.6 | -0.2 | 309.8 | 319.3 | 3.2 | 51.4 | 6.2 | 42. |
| 12.7 | 45.3 | 4059.1 | 625.0 | -2.1 | -11.3 | 273.9 | 11.6 | 11.6 | -0.8 | 310.0 | 317.9 | 2.6 | 47.3 | 6.7 | 47. |
| 13.7 | 48.2 | 4342.0 | 500.0 | -4.9 | -13.0 | 275.5 | 11.2 | 11.1 | -1.1 | 310.6 | 317.8 | 2.3 | 52.4 | 7.3 | 52. |
| 15.1 | 51.3 | 4715.2 | 575.0 | -7.8 | -13.7 | 277.2 | 10.3 | 10.2 | -1.3 | 310.9 | 318.0 | 2.3 | 62.5 | 7.9 | 56. |
| 16.3 | 54.3 | 5059.3 | 550.0 | -10.4 | -16.8 | 281.4 | 8.5 | 8.3 | -1.7 | 311.8 | 317.6 | 1.9 | 59.2 | 8.4 | 59. |
| 17.5 | 57.4 | 5415.9 | 525.0 | -12.7 | -25.4 | 273.8 | 8.4 | 8.4 | -0.6 | 313.1 | 316.1 | 0.9 | 33.5 | 6.9 | 62. |
| 18.3 | 60.6 | 5717.3 | 500.0 | -14.2 | -27.6 | 271.8 | 9.4 | 9.4 | -0.3 | 315.7 | 318.4 | 0.8 | 31.3 | 9.5 | 64. |
| 20.2 | 63.7 | 6174.7 | 475.0 | -16.6 | -36.4 | 269.8 | 7.9 | 7.9 | 0.0 | 317.4 | 318.7 | 0.4 | 16.0 | 10.1 | 66. |
| 21.7 | 67.3 | 6579.6 | 450.0 | -19.9 | -34.5 | 268.1 | 7.6 | 7.6 | 0.2 | 319.5 | 321.1 | 0.5 | 23.6 | 10.7 | 67. |
| 23.1 | 70.8 | 7002.8 | 425.0 | -22.1 | -32.8 | 267.3 | 7.1 | 7.1 | 0.3 | 320.6 | 322.6 | 0.6 | 37.3 | 11.3 | 68. |
| 24.6 | 74.4 | 7444.8 | 400.0 | -26.2 | -39.4 | 262.1 | 7.4 | 7.3 | 1.0 | 321.0 | 322.1 | 0.3 | 28.4 | 11.9 | 69. |
| 26.2 | 78.1 | 7908.3 | 375.0 | -29.6 | -34.6 | 277.0 | 6.1 | 6.1 | -0.7 | 322.5 | 324.3 | 0.5 | 61.2 | 12.6 | 70. |
| 28.0 | 82.0 | 8396.9 | 350.0 | -33.7 | -39.6 | 289.8 | 5.0 | 4.7 | -1.7 | 323.4 | 324.6 | 0.3 | 54.8 | 13.0 | 71. |
| 30.3 | 86.0 | 8911.6 | 325.0 | -37.8 | -46.0 | 298.4 | 4.0 | 3.5 | -1.9 | 324.5 | 325.2 | 0.2 | 41.4 | 13.5 | 73. |
| 32.1 | 90.3 | 9457.6 | 300.0 | -42.5 | 99.9 | 307.5 | 6.7 | 5.3 | -4.1 | 325.5 | 999.9 | 99.9 | 999.9 | 13.8 | 75. |
| 33.9 | 94.8 | 10040.0 | 275.0 | -46.1 | 99.9 | 316.4 | 15.2 | 10.5 | -11.0 | 328.4 | 999.9 | 99.9 | 999.9 | 14.4 | 79. |
| 35.1 | 99.6 | 10666.7 | 250.0 | -51.4 | 99.9 | 310.2 | 19.4 | 14.8 | -12.5 | 329.7 | 999.9 | 99.9 | 999.9 | 15.9 | 86. |
| 38.1 | 104.5 | 11343.0 | 225.0 | -56.8 | 99.9 | 307.6 | 19.1 | 14.3 | -11.1 | 331.4 | 999.9 | 99.9 | 999.9 | 17.9 | 91. |
| 41.3 | 110.0 | 12070.3 | 200.0 | -62.4 | 99.9 | 304.9 | 15.0 | 12.3 | -8.6 | 333.9 | 999.9 | 99.9 | 999.9 | 22.0 | 96. |
| 43.7 | 115.8 | 12938.8 | 175.0 | -65.7 | 99.9 | 288.9 | 15.9 | 15.1 | -5.2 | 341.6 | 999.9 | 99.9 | 999.9 | 22.3 | 98. |
| 47.1 | 122.3 | 13939.1 | 150.0 | -62.8 | 99.9 | 282.8 | 15.4 | 18.9 | -4.3 | 361.9 | 999.9 | 99.9 | 999.9 | 25.6 | 99. |
| 51.1 | 129.3 | 14965.0 | 125.0 | -64.3 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 378.5 | 999.9 | 99.9 | 999.9 | 30.7 | 100. |
| 99.9 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 3
COLUMBIA, MISSOURI
19 APRIL 1979
2305 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MS | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | 2H PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 7.7 | 253.0 | 986.1 | 24.2 | 10.8 | 110.0 | 4.1 | -3.9 | 1.4 | 298.6 | 321.0 | 8.3 | 43.0 | 115 | 103.0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.4 | 8.7 | 352.2 | 975.0 | 24.0 | 11.3 | 135.7 | 6.3 | -4.4 | 4.5 | 299.4 | 322.8 | 8.7 | 44.8 | 0.2 | 71.0 |
| 1.1 | 10.9 | 579.1 | 950.0 | 22.8 | 10.7 | 140.8 | 7.6 | -4.9 | 5.9 | 300.3 | 323.5 | 8.5 | 45.3 | 0.3 | 350.0 |
| 2.2 | 12.9 | 810.7 | 925.0 | 20.9 | 9.9 | 153.4 | 7.6 | -3.4 | 6.8 | 300.7 | 323.3 | 8.3 | 49.3 | 0.7 | 335.0 |
| 3.1 | 15.2 | 1040.9 | 900.0 | 18.5 | 9.0 | 169.5 | 8.3 | -1.4 | 8.2 | 300.6 | 322.7 | 6.1 | 53.9 | 1.1 | 337.0 |
| 3.9 | 17.4 | 1287.9 | 875.0 | 16.3 | 8.0 | 176.0 | 8.8 | -0.6 | 8.8 | 300.8 | 322.0 | 7.7 | 57.8 | 1.5 | 362.0 |
| 4.7 | 19.4 | 1533.9 | 850.0 | 14.0 | 7.1 | 184.6 | 9.2 | 0.7 | 9.2 | 300.8 | 321.3 | 7.5 | 63.1 | 1.9 | 386.0 |
| 5.5 | 21.8 | 1735.1 | 825.0 | 11.6 | 6.6 | 189.2 | 10.3 | 1.7 | 10.2 | 300.9 | 321.3 | 7.5 | 71.6 | 2.4 | 351.0 |
| 6.4 | 24.1 | 2041.8 | 800.0 | 9.3 | 7.1 | 193.2 | 11.0 | 2.5 | 10.7 | 301.1 | 323.0 | 8.0 | 85.2 | 3.0 | 355.0 |
| 7.4 | 26.4 | 2304.6 | 775.0 | 7.3 | 6.2 | 218.0 | 11.3 | 7.0 | 8.9 | 301.6 | 322.8 | 7.7 | 92.7 | 3.6 | 359.0 |
| 8.3 | 28.9 | 2574.7 | 750.0 | 6.3 | 5.1 | 239.8 | 12.7 | 11.0 | 6.4 | 303.4 | 323.9 | 7.4 | 91.7 | 4.0 | 7.0 |
| 9.4 | 31.2 | 2953.0 | 725.0 | 5.9 | 1.1 | 241.6 | 10.5 | 9.2 | 5.0 | 306.0 | 322.3 | 5.7 | 71.0 | 4.4 | 15.0 |
| 10.4 | 33.6 | 3140.4 | 700.0 | 4.7 | -1.4 | 240.1 | 8.6 | 7.4 | 4.3 | 307.7 | 322.0 | 4.9 | 66.4 | 4.9 | 20.0 |
| 11.5 | 36.1 | 3436.0 | 675.0 | 2.6 | -2.2 | 249.4 | 9.8 | 9.2 | 3.5 | 309.5 | 322.6 | 4.8 | 70.7 | 5.3 | 24.0 |
| 12.5 | 38.6 | 3740.2 | 650.0 | -0.1 | -3.9 | 262.0 | 12.0 | 11.9 | 1.7 | 309.9 | 321.8 | 4.4 | 75.6 | 5.7 | 29.0 |
| 13.6 | 41.2 | 4053.3 | 625.0 | -2.2 | -10.7 | 268.4 | 12.3 | 12.3 | 0.3 | 309.9 | 318.1 | 2.7 | 52.0 | 6.2 | 36.0 |
| 14.7 | 43.9 | 4376.0 | 600.0 | -5.0 | -13.6 | 261.5 | 13.0 | 12.8 | 1.9 | 310.3 | 317.0 | 2.2 | 50.1 | 6.7 | 41.0 |
| 15.4 | 46.4 | 4739.7 | 575.0 | -8.1 | -14.4 | 262.8 | 13.2 | 13.1 | 1.7 | 310.6 | 317.2 | 2.2 | 50.1 | 7.5 | 45.0 |
| 17.1 | 49.2 | 5052.7 | 550.0 | -10.5 | -16.1 | 274.3 | 11.7 | 11.7 | -0.9 | 311.7 | 317.8 | 2.0 | 63.2 | 8.2 | 50.0 |
| 18.5 | 52.0 | 5409.2 | 525.0 | -11.9 | -38.0 | 280.0 | 9.1 | 8.9 | -1.6 | 314.1 | 315.0 | 0.3 | 9.3 | 8.9 | 54.0 |
| 19.2 | 54.9 | 5741.7 | 500.0 | -14.1 | -37.9 | 276.0 | 8.5 | 8.5 | -0.9 | 315.9 | 316.9 | 0.3 | 11.2 | 9.4 | 57.0 |
| 21.2 | 57.4 | 6169.0 | 475.0 | -16.7 | -40.5 | 265.8 | 7.1 | 7.1 | 0.5 | 317.3 | 319.2 | 0.2 | 13.6 | 9.8 | 59.0 |
| 22.7 | 60.9 | 6573.0 | 450.0 | -17.4 | -42.2 | 258.1 | 7.6 | 7.4 | 1.6 | 318.8 | 319.6 | 0.2 | 11.1 | 10.4 | 61.0 |
| 24.2 | 63.0 | 6945.2 | 425.0 | -22.0 | -44.1 | 261.9 | 7.5 | 7.4 | 1.0 | 320.7 | 321.4 | 0.2 | 11.4 | 11.1 | 62.0 |
| 26.1 | 67.1 | 7438.2 | 400.0 | -25.5 | -36.5 | 274.7 | 6.1 | 6.0 | -0.5 | 321.9 | 323.4 | 0.4 | 36.7 | 11.8 | 63.0 |
| 28.1 | 70.4 | 7903.8 | 375.0 | -28.8 | -43.1 | 271.4 | 5.1 | 5.1 | -0.1 | 323.5 | 324.4 | 0.2 | 23.6 | 12.3 | 65.0 |
| 29.7 | 73.9 | 8309.3 | 350.0 | -33.1 | -42.7 | 262.9 | 4.3 | 4.3 | 0.5 | 324.1 | 325.0 | 0.2 | 37.6 | 12.8 | 66.0 |
| 31.7 | 77.4 | 8709.6 | 325.0 | -37.3 | -42.6 | 292.0 | 6.5 | 6.0 | -2.4 | 325.3 | 326.3 | 0.3 | 57.0 | 13.2 | 67.0 |
| 33.2 | 81.2 | 9457.5 | 300.0 | -41.5 | 99.9 | 306.0 | 8.6 | 7.0 | -5.1 | 326.9 | 99.9 | 99.9 | 99.9 | 13.8 | 70.0 |
| 35.5 | 85.1 | 10741.8 | 275.0 | -44.6 | 99.9 | 307.2 | 12.4 | 9.8 | -7.5 | 327.8 | 99.9 | 99.9 | 99.9 | 14.4 | 74.0 |
| 37.6 | 89.2 | 10660.4 | 250.0 | -52.1 | 99.9 | 292.0 | 15.2 | 14.1 | -5.7 | 328.6 | 99.9 | 99.9 | 99.9 | 15.6 | 79.0 |
| 40.2 | 93.6 | 11340.4 | 225.0 | -57.8 | 99.9 | 273.8 | 14.4 | 14.3 | -1.0 | 330.0 | 99.9 | 99.9 | 99.9 | 17.8 | 82.0 |
| 42.7 | 98.2 | 12074.4 | 200.0 | -62.6 | 99.9 | 267.7 | 11.7 | 11.7 | 0.5 | 333.6 | 99.9 | 99.9 | 99.9 | 20.1 | 83.0 |
| 44.1 | 103.4 | 12399.7 | 175.0 | -66.4 | 99.9 | 260.1 | 12.5 | 12.3 | 2.1 | 336.3 | 99.9 | 99.9 | 99.9 | 22.0 | 83.0 |
| 46.7 | 109.8 | 13935.5 | 150.0 | -61.0 | 99.9 | 275.3 | 18.2 | 18.1 | -1.7 | 340.3 | 99.9 | 99.9 | 99.9 | 25.3 | 82.0 |
| 53.7 | 115.0 | 14961.0 | 125.0 | -64.3 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 378.6 | 99.9 | 99.9 | 99.9 | 29.6 | 87.0 |
| 99.9 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

| STATION NO. 3 COLUMBIA, MISSOURI | | | | | | | | | | | | | |
|-------------------------------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|
| 20 APRIL 1979 205 GMT | | | | | | | | | | | | | |
| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEV PT DG C | DIR DG | SPEED M/SEC | J COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT |
| 0.2 | 7.3 | 253.0 | 986.0 | 19.6 | 8.0 | 110.0 | 6.2 | -5.6 | 2.1 | 293.9 | 312.3 | 6.9 | 47.0 |
| 0.3 | 90.9 | 99.9 | 1000.0 | 97.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.4 | 8.3 | 349.8 | 975.0 | 19.7 | 8.5 | 99.9 | 99.9 | 99.9 | 99.9 | 295.0 | 314.2 | 7.2 | 48.3 |
| 1.1 | 10.3 | 974.0 | 950.0 | 21.1 | 9.4 | 99.9 | 99.9 | 99.9 | 99.9 | 298.6 | 319.8 | 7.8 | 47.0 |
| 2.2 | 12.5 | 924.8 | 925.0 | 20.2 | 9.5 | 99.9 | 99.9 | 99.9 | 99.9 | 299.9 | 322.0 | 8.1 | 50.4 |
| 2.7 | 14.7 | 1300.7 | 900.0 | 19.5 | 9.2 | 99.9 | 99.9 | 99.9 | 99.9 | 300.5 | 322.8 | 8.1 | 54.7 |
| 3.7 | 16.9 | 1291.6 | 875.0 | 16.3 | 8.7 | 99.9 | 99.9 | 99.9 | 99.9 | 300.8 | 322.9 | 8.1 | 60.3 |
| 4.6 | 19.1 | 1527.6 | 850.0 | 13.9 | 8.2 | 183.5 | 12.2 | 0.7 | 12.2 | 300.7 | 322.8 | 8.1 | 65.3 |
| 5.5 | 21.4 | 1778.9 | 825.0 | 11.4 | 8.0 | 183.4 | 12.1 | 0.7 | 12.1 | 301.3 | 323.1 | 8.2 | 79.6 |
| 6.5 | 23.6 | 2335.8 | 800.0 | 9.5 | 7.7 | 200.4 | 10.1 | 3.5 | 9.4 | 301.3 | 324.0 | 8.3 | 88.7 |
| 7.4 | 25.9 | 2299.0 | 775.0 | 7.7 | 6.7 | 222.6 | 7.7 | 5.2 | 5.6 | 302.1 | 324.1 | 8.0 | 93.1 |
| 8.3 | 28.3 | 2559.1 | 750.0 | 6.1 | 5.5 | 250.5 | 6.2 | 5.8 | 2.1 | 303.2 | 324.2 | 7.6 | 95.8 |
| 9.5 | 30.6 | 2946.9 | 725.0 | 4.4 | 3.8 | 271.5 | 5.7 | 5.7 | -0.1 | 304.3 | 323.9 | 7.0 | 95.5 |
| 10.6 | 33.1 | 3132.1 | 700.0 | 2.6 | 1.4 | 265.7 | 6.4 | 6.3 | 0.5 | 305.3 | 322.6 | 6.1 | 92.2 |
| 11.7 | 35.5 | 3425.3 | 675.0 | -0.2 | -17.0 | 260.2 | 7.4 | 7.3 | 1.3 | 305.4 | 312.1 | 2.3 | 39.4 |
| 12.3 | 38.1 | 3727.8 | 650.0 | 0.6 | -25.6 | 249.1 | 7.3 | 6.8 | 2.7 | 309.7 | 312.1 | 0.7 | 11.9 |
| 14.1 | 40.6 | 4061.1 | 625.0 | -2.3 | -21.7 | 249.8 | 7.0 | 6.5 | 2.5 | 309.9 | 313.3 | 1.1 | 20.6 |
| 15.2 | 43.2 | 4363.5 | 600.0 | -5.2 | -13.5 | 263.4 | 6.5 | 6.5 | 0.8 | 310.1 | 317.0 | 2.2 | 51.9 |
| 16.5 | 45.9 | 4696.1 | 575.0 | -7.8 | -16.6 | 278.5 | 7.4 | 7.4 | -0.6 | 310.9 | 316.5 | 1.8 | 49.0 |
| 17.5 | 48.6 | 5040.3 | 550.0 | -10.3 | -20.8 | 298.3 | 8.1 | 7.2 | -3.9 | 311.9 | 316.2 | 1.4 | 43.3 |
| 19.7 | 51.3 | 5398.2 | 525.0 | -11.0 | -26.9 | 292.7 | 6.5 | 6.0 | -2.5 | 313.2 | 315.3 | 0.0 | 1.0 |
| 20.2 | 54.1 | 5770.5 | 500.0 | -13.9 | -38.7 | 281.5 | 6.5 | 6.3 | -1.3 | 316.1 | 316.2 | 0.0 | 1.0 |
| 21.1 | 57.1 | 6158.2 | 475.0 | -16.5 | -50.4 | 281.5 | 7.5 | 7.2 | -2.3 | 317.6 | 317.7 | 0.0 | 1.0 |
| 23.3 | 60.1 | 6563.0 | 450.0 | -19.7 | -61.8 | 278.9 | 6.4 | 6.3 | -1.0 | 319.7 | 319.8 | 0.0 | 1.0 |
| 24.3 | 63.1 | 6956.2 | 425.0 | -23.0 | -63.9 | 272.1 | 5.9 | 5.9 | -0.2 | 320.8 | 320.9 | 0.0 | 1.0 |
| 26.7 | 66.4 | 7428.9 | 400.0 | -25.9 | -66.5 | 271.0 | 7.5 | 7.5 | -0.1 | 321.3 | 321.4 | 0.0 | 1.0 |
| 28.0 | 69.6 | 7833.2 | 375.0 | -29.2 | -68.6 | 270.7 | 8.4 | 8.3 | -1.0 | 323.0 | 323.0 | 0.0 | 1.0 |
| 29.6 | 73.1 | 8351.7 | 350.0 | -33.6 | -68.7 | 279.1 | 7.6 | 7.5 | -1.2 | 323.4 | 323.6 | 0.0 | 5.3 |
| 31.3 | 76.7 | 8906.9 | 325.0 | -39.3 | -83.3 | 270.8 | 5.0 | 5.0 | -0.1 | 323.9 | 324.8 | 0.2 | 59.0 |
| 33.5 | 80.4 | 9442.6 | 300.0 | -42.6 | 99.9 | 258.0 | 7.6 | 7.4 | 1.6 | 325.3 | 325.3 | 99.9 | 99.9 |
| 35.7 | 84.3 | 10023.5 | 275.0 | -47.8 | 99.9 | 258.9 | 12.3 | 11.9 | 3.2 | 325.9 | 325.9 | 99.9 | 99.9 |
| 38.0 | 88.5 | 10646.1 | 250.0 | -52.7 | 99.9 | 266.5 | 16.3 | 16.4 | 1.0 | 327.7 | 327.7 | 99.9 | 99.9 |
| 43.2 | 92.9 | 11317.5 | 225.0 | -58.2 | 99.9 | 265.0 | 19.4 | 19.3 | 1.7 | 329.3 | 329.3 | 99.9 | 99.9 |
| 42.5 | 92.4 | 12550.3 | 200.0 | -63.9 | 99.9 | 274.6 | 22.0 | 21.9 | -1.8 | 331.6 | 331.6 | 99.9 | 99.9 |
| 45.1 | 102.5 | 12551.6 | 175.0 | -67.4 | 99.9 | 284.3 | 19.4 | 18.8 | -4.8 | 338.7 | 338.7 | 99.9 | 99.9 |
| 48.3 | 104.0 | 13796.8 | 150.0 | -66.3 | 99.9 | 296.3 | 15.3 | 13.7 | -6.8 | 355.9 | 355.9 | 99.9 | 99.9 |
| 51.7 | 114.0 | 14914.5 | 125.0 | -66.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 375.0 | 375.0 | 99.9 | 99.9 |
| 59.2 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 59.7 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 59.7 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 59.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

°° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 3
COLUMBIA, MISSOURI20 APRIL 1979
506 GMT

117 104. 0

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT V DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 8.0 | 253.0 | 986.0 | 12.7 | 8.6 | 135.0 | 6.7 | -4.7 | 4.7 | 292.0 | 310.9 | 7.1 | 55.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 7.3 | 8.5 | 349.4 | 975.0 | 19.2 | 9.8 | 158.0 | 16.4 | -6.1 | 15.2 | 294.5 | 315.4 | 7.8 | 55.3 | 0.3 | 30. |
| 1.2 | 11.1 | 573.1 | 950.0 | 19.7 | 10.6 | 172.3 | 18.9 | -2.5 | 18.7 | 297.2 | 320.1 | 8.5 | 55.8 | 1.0 | 360. |
| 2.1 | 13.3 | 902.9 | 925.0 | 18.8 | 10.6 | 185.8 | 20.4 | 2.0 | 20.3 | 298.5 | 322.0 | 8.7 | 58.9 | 2.1 | 359. |
| 3.0 | 15.5 | 1037.9 | 900.0 | 17.5 | 9.6 | 192.0 | 18.9 | 3.9 | 18.5 | 299.5 | 322.3 | 8.4 | 63.0 | 3.2 | 3. |
| 3.9 | 17.8 | 1278.1 | 875.0 | 15.5 | 8.2 | 194.8 | 15.9 | 4.1 | 15.4 | 299.9 | 321.4 | 7.9 | 61.8 | 4.1 | 6. |
| 4.9 | 20.2 | 1523.5 | 850.0 | 13.7 | 7.5 | 197.1 | 14.2 | 4.2 | 13.6 | 300.5 | 321.6 | 7.7 | 66.1 | 4.9 | 7. |
| 5.8 | 22.5 | 1775.1 | 825.0 | 12.6 | 6.8 | 212.7 | 10.5 | 5.7 | 8.9 | 302.0 | 322.8 | 7.6 | 67.7 | 5.6 | 9. |
| 6.9 | 24.4 | 2032.2 | 800.0 | 11.2 | 6.3 | 223.4 | 7.1 | 4.9 | 5.2 | 303.1 | 324.0 | 7.5 | 71.8 | 6.1 | 12. |
| 8.0 | 27.7 | 2298.1 | 775.0 | 10.0 | 3.8 | 240.5 | 4.3 | 3.7 | 2.1 | 304.6 | 323.0 | 6.5 | 65.3 | 6.5 | 14. |
| 9.2 | 29.5 | 2570.3 | 750.0 | 8.4 | 1.2 | 313.8 | 3.3 | 2.4 | -2.3 | 305.8 | 321.7 | 5.6 | 60.3 | 6.4 | 15. |
| 10.2 | 32.1 | 2852.2 | 725.0 | 7.4 | -2.8 | 261.5 | 3.2 | 3.1 | -0.6 | 307.5 | 320.1 | 4.3 | 48.4 | 6.3 | 17. |
| 11.3 | 34.6 | 3137.9 | 700.0 | 4.9 | -8.8 | 241.3 | 4.9 | 4.3 | 2.3 | 307.9 | 319.2 | 3.8 | 49.7 | 6.5 | 18. |
| 12.4 | 37.2 | 3434.0 | 675.0 | 4.0 | -13.5 | 237.0 | 7.3 | 6.2 | 4.0 | 310.1 | 316.3 | 2.0 | 26.6 | 6.8 | 20. |
| 13.4 | 39.7 | 3719.5 | 650.0 | 1.5 | -12.0 | 258.6 | 6.9 | 6.8 | 1.4 | 310.7 | 317.0 | 2.3 | 35.7 | 7.2 | 23. |
| 14.7 | 42.4 | 4053.7 | 625.0 | -1.7 | -10.1 | 283.4 | 6.3 | 6.2 | -1.5 | 310.5 | 319.1 | 2.8 | 52.7 | 7.3 | 27. |
| 16.0 | 45.1 | 4376.8 | 600.0 | -4.7 | -10.8 | 290.9 | 7.8 | 7.3 | -2.6 | 310.7 | 319.2 | 2.8 | 62.5 | 7.4 | 31. |
| 17.3 | 47.9 | 4710.1 | 575.0 | -7.9 | -11.0 | 291.3 | 7.0 | 6.0 | -3.7 | 312.1 | 320.1 | 2.6 | 81.5 | 7.5 | 35. |
| 18.5 | 50.7 | 5054.4 | 550.0 | -10.1 | -12.7 | 303.4 | 5.2 | 4.8 | -2.1 | 312.1 | 320.1 | 2.6 | 81.5 | 7.5 | 35. |
| 19.7 | 53.5 | 5411.6 | 525.0 | -12.7 | -12.9 | 254.1 | 5.6 | 5.4 | 1.5 | 313.2 | 321.4 | 2.7 | 98.5 | 7.8 | 41. |
| 21.0 | 56.4 | 5783.2 | 500.0 | -14.4 | -20.3 | 229.4 | 6.0 | 4.5 | 3.9 | 315.5 | 318.7 | 1.0 | 38.5 | 8.2 | 42. |
| 22.4 | 59.4 | 6170.5 | 475.0 | -16.8 | -33.7 | 227.7 | 5.5 | 4.1 | 3.7 | 317.2 | 318.8 | 0.5 | 21.3 | 8.7 | 42. |
| 24.0 | 62.6 | 6574.2 | 450.0 | -19.7 | -35.9 | 242.5 | 6.8 | 6.0 | 3.1 | 318.5 | 319.9 | 0.4 | 21.8 | 9.2 | 42. |
| 25.5 | 65.8 | 6996.5 | 425.0 | -22.5 | -39.5 | 257.5 | 8.3 | 8.3 | 1.9 | 320.2 | 321.3 | 0.3 | 21.5 | 9.9 | 45. |
| 27.3 | 69.1 | 7433.1 | 400.0 | -25.8 | -39.6 | 248.6 | 6.5 | 6.0 | 2.4 | 321.5 | 322.6 | 0.3 | 25.6 | 10.5 | 47. |
| 29.3 | 72.4 | 7904.0 | 375.0 | -27.3 | -43.7 | 256.9 | 6.4 | 6.2 | 1.5 | 322.8 | 323.6 | 0.2 | 23.0 | 11.1 | 49. |
| 30.4 | 74.9 | 8392.7 | 350.0 | -32.8 | -43.6 | 264.4 | 5.0 | 4.9 | 0.5 | 324.5 | 326.0 | 0.4 | 62.0 | 11.7 | 50. |
| 33.0 | 79.7 | 8910.0 | 325.0 | -37.2 | -53.0 | 259.7 | 6.6 | 6.5 | 1.2 | 325.4 | 325.7 | 0.1 | 17.4 | 12.2 | 52. |
| 35.1 | 83.5 | 9457.6 | 300.0 | -41.8 | -59.9 | 269.7 | 10.6 | 10.6 | 0.1 | 326.5 | 326.5 | 99.9 | 999.9 | 13.1 | 54. |
| 37.3 | 87.5 | 10041.2 | 275.0 | -46.7 | -67.9 | 270.7 | 17.1 | 17.1 | -0.2 | 327.6 | 327.6 | 99.9 | 999.9 | 14.5 | 58. |
| 39.4 | 91.7 | 10466.5 | 250.0 | -51.7 | -79.9 | 277.4 | 21.3 | 21.1 | -2.7 | 329.3 | 329.3 | 99.9 | 999.9 | 16.8 | 63. |
| 42.1 | 96.2 | 11140.8 | 225.0 | -57.5 | -92.9 | 283.8 | 19.6 | 19.1 | -4.7 | 330.3 | 330.3 | 99.9 | 999.9 | 19.4 | 63. |
| 44.4 | 101.3 | 12073.4 | 200.0 | -53.5 | -99.9 | 295.3 | 18.2 | 16.4 | -7.8 | 332.2 | 332.2 | 99.9 | 999.9 | 21.9 | 74. |
| 47.7 | 106.2 | 12352.8 | 175.0 | -67.2 | -99.9 | 297.5 | 19.6 | 14.7 | -7.7 | 339.1 | 339.1 | 99.9 | 999.9 | 24.1 | 90. |
| 50.6 | 111.8 | 13923.6 | 150.0 | -65.0 | -99.9 | 288.6 | 10.2 | 9.7 | -3.3 | 358.1 | 358.1 | 99.9 | 999.9 | 26.0 | 82. |
| 54.4 | 119.0 | 14937.0 | 125.0 | -64.3 | -99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 378.6 | 378.6 | 99.9 | 999.9 | 28.3 | 85. |
| 90.9 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 3
COLUMBIA, MISSOURI20 APRIL 1979
807 GMT

| TIME MIN | CNCT | HEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DEG K | E POT T DEG K | MX RTO CM/KG | RM PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|-----------------|-----------|-------------|-----------|
| 0.7 | 7.6 | 253.0 | 985.8 | 16.2 | 9.6 | 120.0 | 3.6 | -3.1 | 1.8 | 290.5 | 310.6 | 7.7 | 65.0 | 0.0 | 0. |
| 00.7 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.4 | 8.5 | 348.7 | 975.0 | 16.5 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 291.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 1.3 | 10.7 | 567.4 | 950.0 | 17.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 298.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 1.9 | 12.8 | 795.2 | 925.0 | 18.5 | 8.6 | 99.9 | 99.9 | 99.9 | 99.9 | 298.2 | 319.8 | 7.6 | 52.5 | 99.9 | 99.9 |
| 2.6 | 15.1 | 1030.0 | 900.0 | 17.5 | 7.6 | 99.9 | 99.9 | 99.9 | 99.9 | 299.6 | 319.8 | 7.4 | 52.6 | 2.1 | 25. |
| 3.5 | 17.1 | 1270.2 | 875.0 | 15.7 | 7.7 | 215.8 | 15.3 | 9.0 | 12.4 | 300.1 | 320.9 | 7.6 | 59.0 | 3.0 | 27. |
| 4.4 | 19.5 | 1516.0 | 850.0 | 14.1 | 7.1 | 220.0 | 12.4 | 8.0 | 9.5 | 300.9 | 321.5 | 7.5 | 63.0 | 3.7 | 30. |
| 5.3 | 21.7 | 1767.7 | 825.0 | 12.7 | 7.3 | 220.3 | 10.0 | 6.5 | 7.6 | 302.0 | 321.5 | 7.8 | 69.9 | 4.3 | 31. |
| 6.2 | 24.0 | 2025.5 | 800.0 | 10.7 | 5.8 | 209.9 | 8.2 | 4.1 | 7.1 | 302.6 | 322.7 | 7.3 | 71.3 | 4.8 | 32. |
| 7.1 | 26.4 | 2290.0 | 775.0 | 9.1 | 4.1 | 191.6 | 6.0 | 1.2 | 5.9 | 303.6 | 322.2 | 6.7 | 71.0 | 5.2 | 31. |
| 8.2 | 28.7 | 2561.5 | 750.0 | 7.9 | 1.8 | 159.6 | 4.5 | -1.6 | 4.3 | 305.2 | 321.7 | 5.8 | 65.2 | 5.4 | 29. |
| 9.2 | 31.1 | 2840.3 | 725.0 | 5.3 | 0.6 | 175.7 | 4.5 | -0.3 | 4.5 | 305.3 | 321.0 | 5.5 | 71.5 | 5.6 | 27. |
| 10.4 | 33.6 | 3126.5 | 700.0 | 3.5 | -2.2 | 208.3 | 5.5 | 2.6 | 4.8 | 306.4 | 319.8 | 4.7 | 65.5 | 5.9 | 28. |
| 11.4 | 35.1 | 3421.3 | 675.0 | 2.4 | -7.3 | 224.2 | 7.3 | 5.1 | 5.2 | 308.4 | 318.1 | 3.3 | 49.6 | 6.3 | 27. |
| 12.4 | 39.6 | 3725.3 | 650.0 | 0.3 | -13.1 | 232.1 | 8.0 | 6.3 | 4.9 | 309.3 | 315.8 | 2.1 | 35.7 | 6.7 | 28. |
| 13.4 | 41.1 | 4038.2 | 625.0 | -2.5 | -13.9 | 241.9 | 7.2 | 6.3 | 3.4 | 309.6 | 316.0 | 2.1 | 41.2 | 7.2 | 30. |
| 14.5 | 43.8 | 4350.8 | 600.0 | -5.4 | -12.4 | 255.3 | 5.5 | 5.3 | 1.4 | 309.9 | 317.3 | 2.5 | 57.6 | 7.5 | 32. |
| 15.6 | 46.4 | 4693.4 | 575.0 | -9.4 | -12.3 | 262.7 | 4.5 | 4.2 | -1.0 | 310.2 | 318.0 | 2.6 | 73.8 | 7.7 | 30. |
| 16.9 | 49.2 | 5036.4 | 550.0 | -11.6 | -12.5 | 280.7 | 4.4 | 4.2 | -1.3 | 310.3 | 318.4 | 2.7 | 93.7 | 7.7 | 36. |
| 18.1 | 52.0 | 5392.0 | 525.0 | -12.6 | -29.8 | 260.4 | 7.2 | 7.1 | 1.2 | 313.2 | 315.3 | 0.6 | 22.2 | 8.0 | 33. |
| 19.4 | 54.9 | 5763.7 | 500.0 | -14.3 | -31.5 | 264.0 | 8.8 | 8.8 | 0.9 | 315.6 | 317.4 | 0.5 | 21.5 | 8.5 | 41. |
| 20.7 | 57.9 | 6151.4 | 475.0 | -16.6 | -34.7 | 274.5 | 10.6 | 10.6 | -0.6 | 317.5 | 319.9 | 0.4 | 19.0 | 9.0 | 45. |
| 22.7 | 60.8 | 6558.0 | 450.0 | -18.6 | -36.4 | 269.8 | 6.5 | 6.5 | 0.0 | 319.9 | 321.2 | 0.4 | 19.0 | 9.5 | 49. |
| 23.2 | 63.9 | 6940.5 | 425.0 | -21.2 | -38.5 | 248.6 | 5.3 | 5.0 | 1.9 | 321.8 | 322.9 | 0.3 | 19.2 | 10.0 | 59. |
| 25.4 | 67.1 | 7424.2 | 400.0 | -25.3 | -41.8 | 237.9 | 4.7 | 4.0 | 2.5 | 322.2 | 323.0 | 0.2 | 19.5 | 10.4 | 51. |
| 28.1 | 70.4 | 7890.1 | 375.0 | -28.5 | -44.4 | 244.1 | 5.8 | 5.2 | 2.5 | 323.9 | 324.6 | 0.2 | 19.8 | 10.9 | 51. |
| 28.5 | 73.9 | 8340.3 | 350.0 | -32.4 | -47.6 | 256.9 | 9.1 | 8.8 | 2.1 | 325.1 | 325.6 | 0.1 | 20.1 | 11.6 | 52. |
| 30.1 | 77.4 | 8898.6 | 325.0 | -36.7 | -44.4 | 275.7 | 13.0 | 12.9 | -1.3 | 326.1 | 326.9 | 0.2 | 44.5 | 12.5 | 55. |
| 31.9 | 81.1 | 9407.1 | 300.0 | -41.6 | -49.9 | 275.4 | 14.5 | 14.4 | -1.4 | 326.7 | 99.9 | 99.9 | 99.9 | 13.5 | 59. |
| 33.4 | 85.0 | 10031.5 | 275.0 | -45.9 | -49.9 | 270.9 | 15.3 | 15.3 | -0.2 | 328.7 | 99.9 | 99.9 | 99.9 | 15.1 | 63. |
| 35.7 | 89.2 | 10657.8 | 250.0 | -51.6 | -49.9 | 271.7 | 16.3 | 16.2 | -0.5 | 329.4 | 99.9 | 99.9 | 99.9 | 16.7 | 68. |
| 38.7 | 93.5 | 11334.4 | 225.0 | -56.7 | -49.9 | 269.8 | 18.6 | 18.6 | 0.1 | 331.6 | 99.9 | 99.9 | 99.9 | 18.9 | 69. |
| 42.4 | 98.2 | 12071.9 | 200.0 | -62.7 | -49.9 | 270.3 | 18.6 | 18.6 | -0.1 | 333.5 | 99.9 | 99.9 | 99.9 | 21.3 | 72. |
| 45.7 | 103.2 | 12893.8 | 175.0 | -67.5 | -49.9 | 263.8 | 18.9 | 18.8 | 2.0 | 338.6 | 99.9 | 99.9 | 99.9 | 24.1 | 73. |
| 48.6 | 109.6 | 13914.6 | 150.0 | -63.3 | -49.9 | 249.5 | 13.0 | 12.4 | -4.1 | 361.1 | 99.9 | 99.9 | 99.9 | 26.8 | 75. |
| 48.9 | 114.8 | 14929.8 | 125.0 | -65.8 | -49.9 | 298.6 | 13.6 | 11.9 | -6.5 | 375.9 | 99.9 | 99.9 | 99.9 | 28.5 | 78. |
| 50.3 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 50.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 50.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 50.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 3
COLUMBIA, MISSOURI

20 APRIL 1979
1107 GMT

115 104. 8

| TIME MIN | CNTCY | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RM PCT | RAIGE MM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 7.7 | 253.0 | 985.9 | 13.9 | 8.5 | 130.0 | 3.1 | -2.4 | 2.0 | 288.2 | 306.7 | 7.1 | 70.0 | 0.0 | 0. |
| 00.0 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.3 | 9.7 | 347.4 | 975.0 | 15.4 | 9.6 | 189.9 | 6.2 | 1.1 | 6.2 | 290.7 | 311.0 | 7.8 | 68.3 | 0.1 | 30. |
| 1.1 | 10.8 | 568.8 | 950.0 | 18.0 | 10.0 | 207.5 | 11.0 | 5.1 | 9.7 | 295.4 | 317.2 | 8.1 | 59.5 | 0.8 | 26. |
| 2.0 | 12.9 | 798.0 | 925.0 | 18.5 | 12.6 | 227.9 | 14.2 | 10.5 | 9.5 | 298.3 | 324.9 | 10.0 | 68.4 | 1.5 | 31. |
| 2.9 | 15.1 | 1032.4 | 900.0 | 17.1 | 99.9 | 231.3 | 12.2 | 9.5 | 7.6 | 299.2 | 329.9 | 99.9 | 99.9 | 2.2 | 40. |
| 3.9 | 17.3 | 1271.5 | 875.0 | 15.7 | 99.9 | 224.8 | 10.1 | 7.1 | 7.1 | 300.1 | 330.1 | 99.9 | 99.9 | 2.8 | 41. |
| 4.7 | 19.5 | 1516.1 | 850.0 | 14.0 | 99.9 | 211.8 | 7.2 | 3.8 | 6.1 | 300.9 | 330.9 | 99.9 | 99.9 | 3.4 | 41. |
| 6.0 | 21.7 | 1747.5 | 825.0 | 12.3 | 6.6 | 194.2 | 6.7 | 1.6 | 6.5 | 301.6 | 322.2 | 7.5 | 68.2 | 3.8 | 39. |
| 7.0 | 24.9 | 2028.8 | 800.0 | 10.0 | 6.7 | 162.3 | 7.1 | -2.2 | 6.8 | 301.8 | 323.1 | 7.7 | 79.7 | 4.1 | 36. |
| 8.0 | 26.4 | 2298.8 | 775.0 | 9.6 | 4.6 | 172.9 | 8.5 | -1.0 | 6.4 | 303.1 | 322.2 | 6.9 | 75.9 | 4.4 | 30. |
| 9.0 | 29.7 | 2559.4 | 750.0 | 7.4 | 1.2 | 191.5 | 10.3 | 2.1 | 10.1 | 304.7 | 320.5 | 5.6 | 44.4 | 4.9 | 28. |
| 10.0 | 31.1 | 2439.5 | 725.0 | 5.8 | -0.9 | 190.7 | 9.9 | 1.9 | 9.8 | 305.9 | 320.5 | 5.0 | 62.1 | 5.5 | 26. |
| 11.1 | 33.5 | 3125.1 | 700.0 | 3.8 | -4.3 | 194.4 | 10.2 | 2.6 | 9.9 | 305.7 | 318.3 | 4.0 | 55.6 | 6.1 | 24. |
| 12.2 | 36.0 | 3419.5 | 675.0 | 2.2 | -11.4 | 210.1 | 10.1 | 5.1 | 8.7 | 308.1 | 315.3 | 2.4 | 35.7 | 6.8 | 24. |
| 13.3 | 39.5 | 3723.4 | 650.0 | -0.0 | -13.7 | 221.3 | 10.2 | 6.7 | 7.6 | 309.0 | 315.2 | 2.0 | 38.9 | 7.5 | 25. |
| 14.4 | 41.1 | 4035.9 | 625.0 | -2.7 | -15.8 | 220.5 | 10.0 | 6.5 | 7.6 | 309.4 | 314.9 | 1.8 | 35.7 | 8.1 | 27. |
| 15.5 | 43.7 | 4357.9 | 600.0 | -5.8 | -15.9 | 212.4 | 8.5 | 4.5 | 7.2 | 309.5 | 315.1 | 1.8 | 46.4 | 8.7 | 27. |
| 16.7 | 46.3 | 4699.7 | 575.0 | -9.7 | -14.3 | 211.9 | 5.2 | 2.8 | 4.5 | 309.6 | 316.5 | 2.2 | 66.0 | 9.2 | 27. |
| 18.0 | 49.0 | 5032.1 | 550.0 | -12.2 | -13.6 | 227.1 | 3.8 | 2.8 | 2.6 | 309.6 | 317.0 | 2.4 | 89.7 | 9.5 | 28. |
| 19.1 | 51.9 | 5386.9 | 525.0 | -12.7 | -14.3 | 232.7 | 7.1 | 5.6 | 4.3 | 313.1 | 315.6 | 0.8 | 28.6 | 9.8 | 29. |
| 20.3 | 54.6 | 5758.5 | 500.0 | -14.5 | -33.6 | 247.0 | 9.7 | 8.9 | 3.8 | 315.3 | 316.9 | 0.4 | 17.8 | 10.5 | 31. |
| 22.3 | 57.6 | 6145.9 | 475.0 | -16.4 | -35.2 | 299.9 | 99.9 | 99.9 | 99.9 | 317.6 | 319.0 | 0.4 | 17.9 | 99.9 | 99.9 |
| 23.3 | 60.6 | 6550.8 | 450.0 | -19.5 | -37.0 | 299.9 | 99.9 | 99.9 | 99.9 | 319.9 | 321.2 | 0.3 | 17.8 | 99.9 | 99.9 |
| 25.1 | 63.6 | 6974.8 | 425.0 | -21.5 | -39.5 | 299.9 | 99.9 | 99.9 | 99.9 | 321.4 | 322.4 | 0.3 | 17.9 | 99.9 | 99.9 |
| 26.0 | 66.9 | 7418.3 | 400.0 | -25.0 | -42.3 | 299.9 | 99.9 | 99.9 | 99.9 | 322.5 | 323.3 | 0.2 | 18.1 | 99.9 | 99.9 |
| 28.0 | 70.1 | 7854.2 | 375.0 | -28.4 | -42.7 | 299.9 | 99.9 | 99.9 | 99.9 | 324.0 | 324.8 | 0.2 | 23.9 | 99.9 | 99.9 |
| 30.0 | 73.6 | 8375.1 | 350.0 | -32.4 | -40.8 | 299.9 | 99.9 | 99.9 | 99.9 | 325.0 | 326.1 | 0.3 | 42.6 | 99.9 | 99.9 |
| 32.1 | 77.1 | 8922.5 | 325.0 | -37.1 | -44.0 | 299.9 | 99.9 | 99.9 | 99.9 | 325.6 | 326.4 | 0.2 | 48.2 | 99.9 | 99.9 |
| 34.1 | 81.0 | 9441.2 | 300.0 | -41.0 | 99.9 | 299.9 | 99.9 | 99.9 | 99.9 | 327.6 | 327.6 | 99.9 | 99.9 | 99.9 | 99.9 |
| 36.4 | 84.8 | 10026.7 | 275.0 | -46.0 | 99.9 | 265.3 | 11.1 | 11.1 | 0.9 | 328.6 | 328.6 | 99.9 | 99.9 | 17.6 | 52. |
| 38.0 | 89.0 | 10653.1 | 250.0 | -51.0 | 99.9 | 259.6 | 12.5 | 12.3 | 2.2 | 330.3 | 329.9 | 99.9 | 99.9 | 19.1 | 55. |
| 41.4 | 93.3 | 11329.3 | 225.0 | -57.1 | 99.9 | 258.9 | 11.7 | 11.5 | 2.3 | 331.0 | 329.9 | 99.9 | 99.9 | 20.9 | 57. |
| 43.9 | 98.0 | 12065.6 | 200.0 | -62.4 | 99.9 | 254.6 | 11.0 | 10.6 | 2.9 | 334.0 | 329.9 | 99.9 | 99.9 | 22.5 | 58. |
| 46.0 | 103.2 | 12879.9 | 175.0 | -67.4 | 99.9 | 267.2 | 15.4 | 15.4 | 0.7 | 338.7 | 329.9 | 99.9 | 99.9 | 24.3 | 60. |
| 50.0 | 109.4 | 13815.6 | 150.0 | -62.0 | 99.9 | 285.7 | 15.0 | 14.4 | -4.1 | 343.3 | 329.9 | 99.9 | 99.9 | 27.3 | 65. |
| 54.2 | 115.0 | 14935.2 | 125.0 | -63.9 | 99.9 | 299.9 | 99.9 | 99.9 | 99.9 | 349.3 | 329.9 | 99.9 | 99.9 | 29.6 | 68. |
| 59.0 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 59.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 59.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 59.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 9
CHILDRESS, TEXAS
19 APRIL 1979
1117 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTD GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 11.7 | 596.0 | 941.2 | 19.9 | 18.2 | 160.0 | 7.7 | -2.6 | 7.2 | 298.2 | 335.4 | 14.2 | 90.0 | 0.0 | 0. |
| 99.9 | 99.9 | 999.0 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 5.5 | 13.1 | 746.0 | 925.0 | 18.7 | 17.6 | 170.3 | 12.4 | -2.1 | 12.2 | 293.5 | 335.0 | 13.9 | 93.1 | 0.3 | 343. |
| 1.2 | 15.4 | 941.8 | 900.0 | 17.7 | 16.6 | 177.8 | 12.8 | -0.5 | 12.6 | 299.8 | 335.4 | 13.4 | 93.2 | 0.9 | 348. |
| 2.1 | 17.5 | 1223.5 | 975.0 | 17.0 | 16.0 | 193.7 | 14.2 | 3.4 | 13.8 | 301.5 | 336.8 | 13.2 | 93.6 | 1.5 | 356. |
| 2.7 | 19.8 | 1471.3 | 850.0 | 15.8 | 14.8 | 200.2 | 15.9 | 5.5 | 14.9 | 302.7 | 336.6 | 12.6 | 93.6 | 2.1 | 3. |
| 3.4 | 22.2 | 1725.0 | 825.0 | 14.2 | 13.2 | 208.4 | 15.4 | 6.4 | 14.0 | 303.7 | 335.4 | 11.7 | 93.5 | 2.7 | 7. |
| 4.2 | 24.5 | 1994.6 | 803.0 | 12.8 | -5.8 | 210.0 | 12.2 | 6.1 | 10.5 | 304.8 | 313.9 | 3.1 | 26.9 | 3.3 | 11. |
| 5.1 | 26.8 | 2251.4 | 775.0 | 12.7 | -1.5 | 201.0 | 11.3 | 4.0 | 10.5 | 307.5 | 318.7 | 3.8 | 32.2 | 3.9 | 14. |
| 6.2 | 29.2 | 2525.5 | 750.0 | 10.8 | -13.2 | 194.3 | 12.5 | 3.1 | 12.1 | 308.4 | 314.0 | 1.8 | 17.1 | 4.6 | 14. |
| 7.4 | 31.7 | 2735.7 | 725.0 | 8.6 | -16.6 | 195.1 | 12.7 | 3.3 | 12.3 | 308.9 | 313.7 | 1.5 | 15.8 | 5.7 | 14. |
| 8.4 | 34.1 | 3395.5 | 700.0 | 6.8 | -25.1 | 198.2 | 10.5 | 3.3 | 10.0 | 310.0 | 312.3 | 0.7 | 8.0 | 6.4 | 14. |
| 9.6 | 36.7 | 3392.6 | 675.0 | 4.3 | -24.7 | 205.1 | 8.7 | 3.7 | 7.8 | 310.5 | 313.0 | 0.8 | 9.9 | 7.0 | 15. |
| 10.7 | 39.2 | 3598.0 | 650.0 | 1.8 | -21.7 | 220.0 | 7.6 | 4.9 | 5.9 | 311.0 | 314.3 | 1.0 | 15.6 | 7.5 | 16. |
| 11.5 | 41.8 | 4312.6 | 625.0 | -1.0 | -17.7 | 235.1 | 7.7 | 6.4 | 4.3 | 311.4 | 316.1 | 1.5 | 26.7 | 7.8 | 18. |
| 12.5 | 44.5 | 4336.8 | 600.0 | -3.9 | -13.9 | 245.6 | 8.7 | 7.9 | 3.6 | 311.6 | 318.4 | 2.2 | 45.7 | 8.2 | 20. |
| 13.6 | 47.2 | 4570.9 | 575.0 | -7.0 | -13.3 | 250.0 | 8.9 | 8.4 | 3.1 | 311.8 | 319.1 | 2.4 | 60.4 | 8.5 | 23. |
| 14.7 | 49.9 | 5316.9 | 550.0 | -9.4 | -21.5 | 235.4 | 8.6 | 6.6 | 4.5 | 313.0 | 317.1 | 1.3 | 37.9 | 8.9 | 25. |
| 16.0 | 52.8 | 5748.6 | 525.0 | -10.6 | -56.6 | 210.5 | 8.7 | 5.2 | 7.0 | 315.7 | 315.8 | 0.0 | 1.0 | 9.6 | 26. |
| 17.4 | 55.7 | 5748.6 | 500.0 | -12.6 | -57.9 | 235.9 | 10.3 | 6.2 | 6.2 | 317.7 | 317.6 | 0.0 | 1.0 | 10.3 | 27. |
| 18.7 | 58.6 | 6137.8 | 475.0 | -15.6 | -59.8 | 240.5 | 11.7 | 10.2 | 5.8 | 318.6 | 318.7 | 0.0 | 1.0 | 11.1 | 32. |
| 20.2 | 61.4 | 6543.0 | 450.0 | -18.8 | -61.9 | 242.1 | 12.7 | 11.2 | 5.9 | 319.6 | 319.7 | 0.0 | 1.0 | 12.0 | 33. |
| 21.5 | 64.9 | 6766.7 | 425.0 | -21.4 | -63.6 | 246.8 | 12.3 | 11.3 | 4.8 | 321.5 | 321.6 | 0.0 | 1.0 | 12.9 | 35. |
| 23.1 | 68.1 | 7411.4 | 400.0 | -24.4 | -65.5 | 249.8 | 13.5 | 12.7 | 4.7 | 323.3 | 323.3 | 0.0 | 1.0 | 13.9 | 38. |
| 24.7 | 71.4 | 7878.0 | 375.0 | -28.4 | -68.1 | 249.8 | 15.3 | 14.3 | 5.3 | 324.1 | 324.1 | 0.0 | 1.0 | 15.1 | 41. |
| 26.3 | 74.9 | 8367.9 | 350.0 | -32.7 | -71.0 | 245.6 | 17.1 | 15.6 | 7.1 | 324.7 | 324.7 | 0.0 | 1.0 | 16.5 | 43. |
| 28.2 | 78.5 | 8846.0 | 325.0 | -35.8 | -73.0 | 241.8 | 17.4 | 15.3 | 8.2 | 327.3 | 327.3 | 0.0 | 1.0 | 18.3 | 45. |
| 29.9 | 82.3 | 9437.6 | 300.0 | -40.1 | -99.9 | 244.9 | 16.2 | 14.7 | 6.9 | 328.8 | 999.9 | 99.9 | 999.9 | 20.0 | 47. |
| 31.3 | 86.2 | 10325.0 | 275.0 | -44.9 | 99.9 | 254.1 | 15.7 | 15.1 | 4.3 | 330.2 | 999.9 | 99.9 | 999.9 | 21.8 | 49. |
| 34.1 | 90.4 | 10654.8 | 250.0 | -50.4 | 99.9 | 255.7 | 21.0 | 20.4 | 5.2 | 331.2 | 999.9 | 99.9 | 999.9 | 23.8 | 51. |
| 36.5 | 94.8 | 11233.3 | 225.0 | -55.6 | 99.9 | 253.4 | 28.1 | 26.9 | 8.0 | 333.4 | 999.9 | 99.9 | 999.9 | 27.0 | 54. |
| 39.3 | 99.6 | 12374.6 | 200.0 | -60.0 | 99.9 | 253.3 | 26.2 | 25.3 | 6.7 | 336.4 | 999.9 | 99.9 | 999.9 | 31.6 | 57. |
| 42.3 | 104.6 | 12501.9 | 175.0 | -63.7 | 99.9 | 256.4 | 24.0 | 23.3 | 5.6 | 349.9 | 999.9 | 99.9 | 999.9 | 35.8 | 59. |
| 46.3 | 110.3 | 13849.9 | 150.0 | -59.5 | 99.9 | 260.1 | 23.2 | 22.9 | 4.0 | 367.6 | 999.9 | 99.9 | 999.9 | 41.2 | 62. |
| 50.2 | 116.3 | 14998.0 | 125.0 | -63.0 | 99.9 | 254.1 | 20.9 | 20.1 | 5.7 | 381.0 | 999.9 | 99.9 | 999.9 | 46.4 | 64. |
| 99.9 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |

9 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 18 DEG
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 4
CHILDRESS, TEXAS
19 APRIL 1979
1409 GMT

| TIME MIN | CNCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | W COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 11.0 | 596.0 | 942.8 | 19.0 | 16.0 | 150.0 | 5.1 | -2.6 | 4.4 | 297.1 | 329.5 | 12.3 | 83.0 | 0.0 | 0. |
| 00.0 | 09.0 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.0 | 09.0 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.0 | 09.0 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.5 | 12.5 | 759.4 | 925.0 | 17.5 | 99.9 | 168.6 | 8.1 | -1.6 | 7.9 | 297.3 | 99.9 | 99.9 | 99.9 | 0.4 | 340. |
| 1.5 | 16.6 | 994.0 | 900.0 | 16.7 | 15.8 | 189.3 | 10.0 | 1.6 | 9.9 | 298.8 | 332.4 | 12.3 | 94.3 | 0.4 | 350. |
| 2.3 | 16.9 | 1234.6 | 875.0 | 15.8 | 14.9 | 208.4 | 12.6 | 6.0 | 11.1 | 300.2 | 333.1 | 12.3 | 94.3 | 1.3 | 3. |
| 3.4 | 19.1 | 1481.0 | 850.0 | 14.3 | 13.2 | 209.0 | 15.5 | 7.5 | 13.5 | 301.1 | 331.6 | 11.4 | 93.5 | 2.2 | 15. |
| 4.5 | 21.3 | 1733.4 | 825.0 | 13.5 | 12.2 | 202.9 | 16.2 | 6.3 | 14.9 | 302.9 | 326.0 | 8.4 | 70.7 | 3.2 | 18. |
| 5.4 | 23.5 | 1994.3 | 800.0 | 15.6 | 2.3 | 202.2 | 14.7 | 5.6 | 13.6 | 307.8 | 324.8 | 6.0 | 42.8 | 4.1 | 19. |
| 6.4 | 25.9 | 2263.0 | 775.0 | 14.9 | -0.7 | 195.1 | 12.4 | 3.2 | 12.0 | 309.9 | 317.6 | 2.6 | 18.7 | 4.8 | 19. |
| 7.4 | 28.2 | 2539.1 | 750.0 | 12.7 | -0.7 | 182.7 | 11.3 | 0.5 | 11.3 | 310.4 | 317.8 | 2.4 | 19.9 | 5.6 | 18. |
| 8.4 | 30.6 | 2822.2 | 725.0 | 10.4 | -14.9 | 188.4 | 10.6 | 1.5 | 10.4 | 310.9 | 316.2 | 1.7 | 15.5 | 6.2 | 16. |
| 9.5 | 33.0 | 3112.8 | 700.0 | 8.3 | -19.6 | 200.5 | 8.1 | 2.8 | 7.6 | 311.7 | 315.4 | 1.1 | 11.8 | 6.9 | 16. |
| 10.5 | 35.4 | 3411.7 | 675.0 | 5.8 | -17.5 | 207.8 | 6.7 | 3.1 | 5.9 | 312.1 | 316.6 | 1.4 | 16.8 | 7.3 | 16. |
| 11.7 | 37.9 | 3718.5 | 650.0 | 2.9 | -16.5 | 216.4 | 5.7 | 3.4 | 4.6 | 312.3 | 317.3 | 1.6 | 22.3 | 7.7 | 17. |
| 12.4 | 40.5 | 4034.4 | 625.0 | -0.1 | -15.2 | 219.2 | 5.6 | 3.6 | 4.4 | 312.3 | 318.2 | 1.9 | 31.0 | 8.0 | 18. |
| 13.0 | 43.1 | 4359.3 | 600.0 | -3.4 | -12.5 | 219.6 | 5.7 | 3.6 | 4.4 | 312.2 | 319.7 | 2.4 | 49.4 | 8.4 | 19. |
| 15.3 | 45.8 | 4634.1 | 575.0 | -6.9 | -11.8 | 209.9 | 6.2 | 3.1 | 5.4 | 312.0 | 320.2 | 2.7 | 67.8 | 8.8 | 20. |
| 16.7 | 48.4 | 5039.9 | 550.0 | -9.7 | -10.7 | 197.1 | 8.0 | 2.4 | 7.7 | 313.8 | 314.0 | 0.1 | 1.4 | 9.4 | 20. |
| 18.1 | 51.2 | 5399.5 | 525.0 | -9.5 | -10.7 | 202.6 | 9.6 | 3.8 | 9.1 | 317.1 | 317.2 | 0.0 | 1.0 | 10.2 | 20. |
| 19.4 | 54.0 | 5774.7 | 500.0 | -12.0 | -10.7 | 218.8 | 10.1 | 6.4 | 7.9 | 318.5 | 318.6 | 0.0 | 1.0 | 11.1 | 21. |
| 21.1 | 57.0 | 6165.2 | 475.0 | -15.0 | -10.7 | 225.7 | 10.9 | 7.8 | 7.6 | 319.4 | 319.5 | 0.0 | 1.0 | 11.9 | 23. |
| 22.5 | 60.0 | 6571.4 | 450.0 | -17.5 | -10.7 | 232.8 | 12.7 | 10.1 | 7.7 | 321.2 | 321.3 | 0.0 | 1.0 | 12.8 | 24. |
| 24.0 | 63.1 | 6996.8 | 425.0 | -20.6 | -10.7 | 243.9 | 14.7 | 13.4 | 6.0 | 322.6 | 322.7 | 0.0 | 1.0 | 13.8 | 27. |
| 25.6 | 66.7 | 7493.3 | 400.0 | -23.2 | -10.7 | 246.3 | 14.8 | 13.5 | 5.9 | 324.8 | 324.9 | 0.0 | 1.0 | 14.8 | 31. |
| 27.1 | 69.4 | 7911.6 | 375.0 | -27.6 | -10.7 | 245.2 | 15.7 | 14.2 | 6.6 | 325.0 | 325.1 | 0.0 | 1.0 | 16.1 | 34. |
| 29.0 | 73.0 | 8403.0 | 350.0 | -32.2 | -10.7 | 242.6 | 17.6 | 15.6 | 8.1 | 325.4 | 325.4 | 0.0 | 1.0 | 17.7 | 37. |
| 30.0 | 76.5 | 8822.2 | 325.0 | -35.6 | -10.7 | 238.6 | 20.0 | 17.0 | 10.4 | 327.7 | 328.0 | 0.1 | 13.7 | 19.8 | 39. |
| 32.0 | 80.2 | 9274.6 | 300.0 | -37.4 | -10.7 | 236.6 | 20.3 | 17.4 | 10.6 | 329.8 | 99.9 | 99.9 | 99.9 | 22.1 | 41. |
| 34.0 | 84.0 | 9744.6 | 275.0 | -44.6 | -10.7 | 246.7 | 19.2 | 17.6 | 7.6 | 330.7 | 99.9 | 99.9 | 99.9 | 24.3 | 43. |
| 37.2 | 88.2 | 10593.4 | 250.0 | -50.3 | -10.7 | 253.6 | 23.1 | 22.2 | 6.5 | 331.2 | 99.9 | 99.9 | 99.9 | 26.7 | 46. |
| 39.4 | 92.4 | 11373.7 | 225.0 | -55.3 | -10.7 | 251.1 | 27.1 | 25.6 | 8.8 | 333.7 | 99.9 | 99.9 | 99.9 | 29.8 | 49. |
| 42.0 | 97.0 | 12114.9 | 200.0 | -61.0 | -10.7 | 250.3 | 23.9 | 22.5 | 8.0 | 336.2 | 99.9 | 99.9 | 99.9 | 33.7 | 51. |
| 44.9 | 101.8 | 12940.9 | 175.0 | -61.8 | -10.7 | 256.0 | 22.1 | 21.4 | 5.3 | 348.3 | 99.9 | 99.9 | 99.9 | 37.1 | 53. |
| 48.2 | 107.2 | 13902.6 | 150.0 | -59.2 | -10.7 | 256.9 | 23.6 | 23.0 | 5.3 | 348.1 | 99.9 | 99.9 | 99.9 | 41.4 | 56. |
| 51.9 | 113.0 | 15039.2 | 125.0 | -60.3 | -10.7 | 99.9 | 99.9 | 99.9 | 99.9 | 385.8 | 99.9 | 99.9 | 99.9 | 46.5 | 58. |
| 99.9 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 4
CHILDRESS, TEXAS
19 APRIL 1979
1710 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO CM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.3 | 12.4 | 596.0 | 942.5 | 25.0 | 17.0 | 160.0 | 5.1 | -1.7 | 4.8 | 303.3 | 338.4 | 13.0 | 61.0 | 0.0 | D. |
| 0.9 | 99.9 | 99.9 | 1300.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.6 | 14.1 | 759.2 | 925.0 | 20.5 | 10.2 | 179.2 | 8.2 | -0.1 | 8.2 | 300.2 | 338.0 | 12.6 | 78.4 | 0.4 | 353. |
| 1.5 | 16.5 | 996.2 | 900.0 | 19.9 | 16.2 | 202.3 | 9.2 | 3.5 | 8.5 | 302.0 | 335.7 | 13.0 | 84.2 | 0.8 | 2. |
| 2.4 | 18.9 | 1238.3 | 875.0 | 17.6 | 14.6 | 213.1 | 12.5 | 6.8 | 10.5 | 304.4 | 334.4 | 12.0 | 82.5 | 1.4 | 16. |
| 3.4 | 21.4 | 1448.3 | 850.0 | 16.9 | 8.9 | 204.4 | 16.0 | 6.9 | 15.1 | 303.0 | 327.3 | 8.5 | 59.6 | 2.1 | 21. |
| 4.4 | 23.9 | 1741.3 | 825.0 | 17.0 | 4.7 | 199.0 | 18.4 | 6.0 | 17.4 | 306.6 | 315.1 | 6.5 | 49.1 | 3.2 | 21. |
| 5.4 | 26.4 | 2003.3 | 800.0 | 15.7 | 4.3 | 203.1 | 16.3 | 6.4 | 15.0 | 307.9 | 316.5 | 6.6 | 48.8 | 4.2 | 21. |
| 6.4 | 29.0 | 2271.0 | 775.0 | 13.7 | 3.2 | 204.6 | 16.0 | 7.0 | 15.2 | 308.6 | 326.5 | 6.2 | 49.9 | 5.2 | 21. |
| 7.7 | 31.7 | 2547.3 | 750.0 | 11.3 | 1.6 | 202.2 | 15.1 | 5.7 | 14.0 | 308.0 | 325.4 | 5.8 | 51.3 | 6.5 | 22. |
| 8.4 | 34.4 | 2933.1 | 725.0 | 9.7 | 1.3 | 182.3 | 11.6 | 0.5 | 11.6 | 310.1 | 326.9 | 5.8 | 53.9 | 7.4 | 21. |
| 10.3 | 37.1 | 3120.5 | 702.0 | 7.5 | -0.8 | 169.2 | 12.2 | -2.3 | 12.0 | 310.8 | 325.9 | 5.2 | 55.5 | 8.1 | 19. |
| 11.1 | 39.0 | 3419.1 | 675.0 | 5.2 | -4.4 | 164.6 | 13.9 | -3.7 | 13.4 | 311.4 | 323.6 | 4.1 | 47.9 | 8.9 | 15. |
| 12.4 | 42.6 | 3726.2 | 650.0 | 2.8 | -3.8 | 161.9 | 11.0 | -3.6 | 11.2 | 312.1 | 321.4 | 3.1 | 42.6 | 9.7 | 12. |
| 13.5 | 45.4 | 4042.1 | 625.0 | -3.2 | -7.4 | 164.0 | 9.8 | -2.7 | 9.4 | 312.3 | 322.8 | 3.5 | 58.1 | 10.4 | 10. |
| 14.7 | 48.4 | 4367.4 | 600.0 | -7.2 | -9.4 | 157.5 | 7.4 | -2.8 | 6.9 | 312.4 | 321.9 | 3.1 | 62.4 | 10.9 | 8. |
| 16.1 | 51.4 | 4725.7 | 575.0 | -5.0 | -12.2 | 184.7 | 6.3 | 0.5 | 6.3 | 313.0 | 321.1 | 2.6 | 61.6 | 11.5 | 7. |
| 17.1 | 54.5 | 5089.6 | 550.0 | -3.0 | -21.7 | 232.9 | 7.0 | 5.6 | 4.2 | 314.6 | 318.7 | 1.3 | 33.0 | 11.9 | 8. |
| 19.1 | 57.6 | 5499.9 | 525.0 | -9.4 | -34.6 | 230.4 | 9.5 | 7.3 | 6.1 | 317.2 | 319.5 | 0.4 | 10.9 | 12.4 | 11. |
| 20.5 | 60.9 | 5785.2 | 500.0 | -12.0 | -40.6 | 220.5 | 6.9 | 4.5 | 5.3 | 318.4 | 319.2 | 0.2 | 7.1 | 12.9 | 12. |
| 22.1 | 64.1 | 6175.7 | 475.0 | -14.7 | -35.4 | 223.0 | 8.1 | 5.5 | 5.9 | 319.8 | 321.2 | 0.4 | 15.1 | 13.5 | 14. |
| 23.6 | 67.5 | 6583.0 | 450.0 | -17.7 | -27.8 | 222.6 | 10.1 | 6.8 | 7.4 | 321.0 | 323.9 | 0.9 | 43.7 | 14.2 | 15. |
| 25.1 | 71.9 | 7008.2 | 425.0 | -20.1 | -42.7 | 227.6 | 11.0 | 8.7 | 7.9 | 323.2 | 328.0 | 0.2 | 11.2 | 15.2 | 17. |
| 26.4 | 74.6 | 7453.2 | 400.0 | -23.4 | -32.5 | 234.4 | 12.9 | 10.5 | 7.5 | 324.6 | 326.8 | 0.6 | 43.3 | 16.0 | 19. |
| 28.1 | 79.3 | 7923.6 | 375.0 | -27.5 | -34.0 | 236.9 | 15.4 | 12.9 | 8.4 | 325.3 | 327.3 | 0.6 | 53.2 | 17.1 | 22. |
| 29.7 | 82.2 | 8416.8 | 350.0 | -33.8 | -33.8 | 232.4 | 19.7 | 15.6 | 12.0 | 327.2 | 329.4 | 0.6 | 74.7 | 18.6 | 25. |
| 31.6 | 86.2 | 8939.3 | 325.0 | -34.5 | -37.0 | 224.6 | 22.1 | 15.5 | 15.7 | 329.1 | 330.9 | 0.5 | 78.0 | 20.6 | 27. |
| 33.1 | 90.5 | 9493.2 | 300.0 | -39.5 | 99.9 | 225.0 | 22.7 | 16.3 | 15.8 | 329.7 | 999.9 | 99.9 | 999.9 | 23.0 | 29. |
| 35.1 | 94.8 | 10082.0 | 275.0 | -44.7 | 99.9 | 230.2 | 23.2 | 17.0 | 14.9 | 330.5 | 999.9 | 99.9 | 999.9 | 25.0 | 31. |
| 37.5 | 98.6 | 10711.5 | 250.0 | -50.4 | 99.9 | 240.5 | 22.1 | 19.2 | 10.9 | 331.1 | 999.9 | 99.9 | 999.9 | 28.4 | 33. |
| 39.3 | 104.6 | 11390.4 | 225.0 | -56.0 | 99.9 | 249.3 | 22.0 | 21.3 | 8.1 | 332.7 | 999.9 | 99.9 | 999.9 | 31.0 | 37. |
| 42.5 | 110.0 | 12129.4 | 200.0 | -60.6 | 99.9 | 250.0 | 24.2 | 22.7 | 8.3 | 336.7 | 999.9 | 99.9 | 999.9 | 34.1 | 40. |
| 45.7 | 115.4 | 12758.2 | 175.0 | -60.8 | 99.9 | 250.2 | 24.1 | 22.7 | 8.2 | 349.7 | 999.9 | 99.9 | 999.9 | 38.2 | 43. |
| 48.3 | 122.3 | 13721.6 | 150.0 | -59.7 | 99.9 | 249.2 | 24.1 | 22.5 | 8.6 | 367.2 | 999.9 | 99.9 | 999.9 | 42.2 | 46. |
| 52.3 | 129.3 | 15064.9 | 125.0 | -59.2 | 99.9 | 251.3 | 21.9 | 20.7 | 7.0 | 387.9 | 999.9 | 99.9 | 999.9 | 47.5 | 49. |
| 57.5 | 137.3 | 16446.3 | 100.0 | -64.3 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 403.5 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 59.7 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.3 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 BY TEMPS MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 4
CHILDRESS, TEXAS

19 APRIL 1979
2010 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPFED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX MTD GM/KG | RM PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|-----------|
| 0.3 | 12.6 | 596.0 | 941.5 | 21.0 | 17.2 | 120.0 | 0.1 | -3.6 | 2.0 | 299.3 | 334.5 | 13.3 | 79.0 | 0.0 | 0.0 |
| 00.9 | 00.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.9 | 00.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.9 | 00.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.4 | 10.2 | 748.6 | 925.0 | 19.9 | 13.5 | 324.2 | 14.5 | 8.5 | -11.7 | 299.6 | 328.0 | 10.6 | 65.6 | 0.9 | 315.0 |
| 1.3 | 10.6 | 945.1 | 900.0 | 19.9 | 11.2 | 240.7 | 5.6 | 5.2 | 2.5 | 302.0 | 327.6 | 9.4 | 57.6 | 0.5 | 339.0 |
| 2.1 | 17.1 | 1227.9 | 875.0 | 19.5 | 9.4 | 187.2 | 7.7 | 1.9 | 7.7 | 304.0 | 326.1 | 8.0 | 48.9 | 0.5 | 327.0 |
| 3.2 | 21.5 | 1477.3 | 850.0 | 18.6 | 6.2 | 197.9 | 9.0 | 2.8 | 0.6 | 305.7 | 325.4 | 7.0 | 44.0 | 1.2 | 347.0 |
| 4.3 | 24.1 | 1732.8 | 825.0 | 17.1 | 4.6 | 190.0 | 8.4 | 1.5 | 0.3 | 306.6 | 325.0 | 6.5 | 43.7 | 1.6 | 356.0 |
| 5.4 | 26.7 | 1994.8 | 800.0 | 15.5 | 3.3 | 176.5 | 7.9 | -0.5 | 7.8 | 307.7 | 325.2 | 6.1 | 40.0 | 2.0 | 357.0 |
| 6.1 | 31.9 | 2517.7 | 750.0 | 10.5 | 0.2 | 185.4 | 12.5 | 0.9 | 12.5 | 308.0 | 323.0 | 5.2 | 49.0 | 2.4 | 359.0 |
| 6.9 | 34.6 | 2819.4 | 725.0 | 8.5 | -0.3 | 187.9 | 14.3 | 2.0 | 14.2 | 308.8 | 323.0 | 5.2 | 49.0 | 2.4 | 359.0 |
| 7.7 | 37.1 | 3108.5 | 700.0 | 6.2 | -1.5 | 188.4 | 16.0 | 1.2 | 15.9 | 309.4 | 323.7 | 4.9 | 57.5 | 4.1 | 1.0 |
| 8.9 | 39.9 | 3435.5 | 675.0 | 3.6 | -2.4 | 179.0 | 16.4 | -0.2 | 16.4 | 309.0 | 323.4 | 4.7 | 64.0 | 5.1 | 1.0 |
| 10.3 | 42.7 | 3711.1 | 650.0 | 1.4 | -3.4 | 175.6 | 18.1 | -0.4 | 18.1 | 310.5 | 323.1 | 4.2 | 65.2 | 6.4 | 0.0 |
| 11.7 | 45.4 | 4025.7 | 625.0 | -1.4 | -5.7 | 173.4 | 17.5 | -2.0 | 17.4 | 310.9 | 322.8 | 4.0 | 72.4 | 7.5 | 359.0 |
| 12.1 | 48.4 | 4349.9 | 600.0 | -4.1 | -6.4 | 175.7 | 16.8 | -1.3 | 16.7 | 311.4 | 323.2 | 4.0 | 83.0 | 8.6 | 359.0 |
| 13.5 | 51.3 | 4695.0 | 575.0 | -5.9 | -6.7 | 180.5 | 16.2 | 1.3 | 16.1 | 313.1 | 325.1 | 4.0 | 93.9 | 9.7 | 359.0 |
| 14.4 | 54.3 | 5032.3 | 550.0 | -8.1 | -8.7 | 195.6 | 16.2 | 4.4 | 15.6 | 314.5 | 325.4 | 3.6 | 95.3 | 11.0 | 369.0 |
| 15.7 | 57.4 | 5393.1 | 525.0 | -9.9 | -10.3 | 205.4 | 16.9 | 7.3 | 15.3 | 316.6 | 326.8 | 3.3 | 96.8 | 12.0 | 2.0 |
| 16.9 | 62.6 | 5768.5 | 500.0 | -12.0 | -12.6 | 210.9 | 16.7 | 8.4 | 12.1 | 318.4 | 327.4 | 2.9 | 95.4 | 13.1 | 4.0 |
| 19.1 | 63.9 | 6159.7 | 475.0 | -14.3 | -15.0 | 221.9 | 14.3 | 9.6 | 10.7 | 320.3 | 328.3 | 2.5 | 94.1 | 14.1 | 7.0 |
| 19.5 | 67.1 | 6568.1 | 450.0 | -17.0 | -18.0 | 223.6 | 14.1 | 9.8 | 10.2 | 321.9 | 328.6 | 2.1 | 91.7 | 14.9 | 9.0 |
| 20.4 | 73.4 | 6995.2 | 425.0 | -19.9 | -21.1 | 227.5 | 12.5 | 9.2 | 8.4 | 323.5 | 329.9 | 1.7 | 90.1 | 15.8 | 11.0 |
| 22.1 | 74.1 | 7402.2 | 400.0 | -23.3 | -24.7 | 227.9 | 12.6 | 9.3 | 8.4 | 324.7 | 329.0 | 1.3 | 88.2 | 16.7 | 14.0 |
| 23.4 | 77.9 | 7810.9 | 375.0 | -27.1 | -28.9 | 228.2 | 13.8 | 9.6 | 9.9 | 325.7 | 328.9 | 0.9 | 85.2 | 17.7 | 18.0 |
| 25.5 | 81.7 | 8206.4 | 350.0 | -31.1 | -32.2 | 223.3 | 16.2 | 11.1 | 11.8 | 326.9 | 329.2 | 0.7 | 81.0 | 19.0 | 18.0 |
| 27.1 | 85.7 | 8625.0 | 325.0 | -35.8 | -39.2 | 225.5 | 17.1 | 12.2 | 12.0 | 327.4 | 328.8 | 0.4 | 78.8 | 20.5 | 20.0 |
| 28.0 | 90.8 | 9076.3 | 300.0 | -40.4 | 99.9 | 231.9 | 18.3 | 14.4 | 11.3 | 328.4 | 999.9 | 99.9 | 999.9 | 22.2 | 22.0 |
| 31.7 | 94.2 | 10063.6 | 275.0 | -45.2 | 99.9 | 236.7 | 20.4 | 17.4 | 10.6 | 329.8 | 999.9 | 99.9 | 999.9 | 24.2 | 23.0 |
| 33.0 | 98.4 | 10593.4 | 250.0 | -50.2 | 99.9 | 241.6 | 20.5 | 18.1 | 9.8 | 331.5 | 999.9 | 99.9 | 999.9 | 26.3 | 28.0 |
| 34.7 | 103.6 | 11173.5 | 225.0 | -55.5 | 99.9 | 253.3 | 21.1 | 20.2 | 6.1 | 333.4 | 999.9 | 99.9 | 999.9 | 28.3 | 31.0 |
| 37.4 | 109.0 | 12113.5 | 200.0 | -61.2 | 99.9 | 253.7 | 22.0 | 21.1 | 6.2 | 335.9 | 999.9 | 99.9 | 999.9 | 30.3 | 36.0 |
| 40.2 | 114.8 | 12523.9 | 175.0 | -62.5 | 99.9 | 248.6 | 23.3 | 21.1 | 10.0 | 346.7 | 999.9 | 99.9 | 999.9 | 33.8 | 39.0 |
| 43.9 | 121.0 | 13006.8 | 150.0 | -56.8 | 99.9 | 248.6 | 24.2 | 22.6 | 8.8 | 372.2 | 999.9 | 99.9 | 999.9 | 38.8 | 47.0 |
| 47.5 | 128.0 | 13497.4 | 125.0 | -61.2 | 99.9 | 250.0 | 20.9 | 20.6 | 4.0 | 304.2 | 999.9 | 99.9 | 999.9 | 42.9 | 46.0 |
| 52.0 | 136.0 | 14029.2 | 100.0 | -65.4 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 401.4 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY FEW MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 4
CHILDRESS, TEXAS
19 APRIL 1979
2317 GMT

| TIME MUT | CNTCT | WEIGHT GPM | PRES MB | TEMP DEG C | DEN PT DEG C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT 7 DEG K | E POT 7 DEG K | MX R70 CM/RG | RM PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|-----------------|-----------|-------------|-----------|
| 0-3 | 11-3 | 596.0 | 940.0 | 25.0 | 16.4 | 150.0 | 4.1 | -2.1 | 3.6 | 304.3 | 338.4 | 12.6 | 55.0 | 0.0 | 0. |
| 00.9 | 09.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.9 | 09.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.9 | 09.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.9 | 12.6 | 737.5 | 925.0 | 24.2 | 14.5 | 166.4 | 4.5 | -1.1 | 4.4 | 304.1 | 335.0 | 11.3 | 54.7 | 0.3 | 157. |
| 1.6 | 14.6 | 976.9 | 900.0 | 22.2 | 1.8 | 168.1 | 4.6 | -0.9 | 4.3 | 304.4 | 334.7 | 11.1 | 58.7 | 0.5 | 353. |
| 2.0 | 17.0 | 1271.0 | 875.0 | 19.6 | 12.7 | 168.6 | 4.7 | -0.9 | 4.6 | 304.4 | 333.4 | 10.7 | 64.4 | 0.8 | 351. |
| 3.9 | 19.3 | 1470.3 | 850.0 | 17.4 | 11.8 | 183.4 | 4.7 | 0.3 | 4.7 | 304.4 | 332.8 | 10.3 | 69.7 | 1.1 | 351. |
| 5.1 | 21.6 | 1725.0 | 825.0 | 15.1 | 10.6 | 203.0 | 6.4 | 2.8 | 5.9 | 304.6 | 331.6 | 9.8 | 74.6 | 1.4 | 358. |
| 6.3 | 24.0 | 1985.1 | 800.0 | 12.9 | 6.3 | 203.8 | 9.4 | 3.8 | 8.6 | 304.8 | 329.7 | 8.6 | 74.1 | 2.0 | 5. |
| 7.5 | 26.4 | 2252.5 | 775.0 | 10.7 | 4.4 | 203.8 | 10.6 | 4.3 | 9.7 | 307.7 | 326.9 | 6.8 | 56.2 | 2.7 | 10. |
| 8.7 | 28.7 | 2577.3 | 750.0 | 10.7 | 2.9 | 216.1 | 10.6 | 6.2 | 8.5 | 308.2 | 326.1 | 6.3 | 58.5 | 3.0 | 14. |
| 9.8 | 31.2 | 2929.3 | 725.0 | 9.0 | 1.1 | 223.9 | 11.3 | 7.8 | 8.1 | 309.4 | 326.0 | 5.8 | 57.7 | 4.1 | 19. |
| 11.0 | 33.7 | 3379.2 | 700.0 | 6.8 | 0.2 | 227.6 | 10.1 | 7.5 | 6.8 | 310.1 | 326.2 | 5.6 | 62.5 | 4.8 | 33. |
| 12.2 | 36.2 | 3897.2 | 675.0 | 4.8 | -1.5 | 232.4 | 9.6 | 7.3 | 5.9 | 311.1 | 326.0 | 5.1 | 63.5 | 5.5 | 26. |
| 13.3 | 38.7 | 4404.1 | 650.0 | 2.4 | -3.5 | 246.3 | 10.2 | 9.4 | 4.1 | 311.7 | 325.1 | 4.5 | 64.8 | 6.0 | 33. |
| 14.6 | 41.3 | 4919.9 | 625.0 | -0.3 | -5.3 | 257.8 | 11.2 | 11.0 | 2.4 | 312.1 | 324.4 | 4.1 | 68.8 | 6.5 | 34. |
| 15.9 | 44.9 | 5465.3 | 600.0 | -2.8 | -8.2 | 259.0 | 12.3 | 12.1 | 2.6 | 312.9 | 323.3 | 3.4 | 65.3 | 7.3 | 39. |
| 17.2 | 46.9 | 6081.8 | 575.0 | -5.2 | -13.7 | 259.7 | 12.1 | 11.8 | 2.8 | 313.9 | 321.1 | 2.3 | 51.1 | 8.1 | 46. |
| 18.5 | 49.4 | 6703.3 | 550.0 | -6.0 | -29.3 | 248.8 | 13.2 | 12.3 | 4.8 | 317.0 | 319.0 | 2.6 | 13.9 | 8.9 | 47. |
| 19.9 | 52.3 | 7393.0 | 525.0 | -8.4 | -15.1 | 242.8 | 14.8 | 13.1 | 6.7 | 318.3 | 325.5 | 2.3 | 58.6 | 10.0 | 99. |
| 21.1 | 55.3 | 8069.4 | 500.0 | -10.9 | -22.7 | 246.5 | 15.6 | 14.3 | 6.2 | 319.7 | 324.9 | 2.3 | 39.0 | 11.1 | 50. |
| 22.5 | 58.7 | 8752.2 | 475.0 | -13.6 | -31.5 | 251.0 | 16.8 | 14.8 | 4.8 | 321.1 | 321.4 | 0.1 | 2.4 | 12.3 | 52. |
| 23.9 | 61.3 | 9471.9 | 450.0 | -16.3 | -33.4 | 250.7 | 13.5 | 12.8 | 4.5 | 322.8 | 324.5 | 0.5 | 21.2 | 13.5 | 56. |
| 25.6 | 64.6 | 10098.4 | 425.0 | -20.0 | -35.9 | 246.4 | 13.6 | 12.5 | 5.5 | 323.4 | 324.8 | 0.4 | 22.6 | 14.8 | 55. |
| 27.2 | 67.6 | 10744.5 | 400.0 | -23.9 | -36.0 | 232.6 | 14.6 | 11.6 | 8.9 | 323.9 | 325.8 | 0.5 | 39.5 | 16.2 | 56. |
| 28.9 | 71.0 | 11412.7 | 375.0 | -26.5 | -28.9 | 219.2 | 16.9 | 10.7 | 13.1 | 326.5 | 329.7 | 0.9 | 79.7 | 17.6 | 55. |
| 30.6 | 74.5 | 12097.7 | 350.0 | -30.5 | -34.5 | 215.0 | 19.7 | 11.3 | 16.1 | 327.6 | 329.7 | 0.6 | 67.9 | 19.4 | 53. |
| 32.7 | 78.1 | 12829.7 | 325.0 | -35.0 | -42.2 | 217.0 | 19.7 | 11.6 | 15.7 | 328.4 | 329.5 | 0.3 | 47.7 | 21.4 | 51. |
| 34.7 | 81.9 | 13682.6 | 300.0 | -39.8 | -47.8 | 222.6 | 17.1 | 11.8 | 12.9 | 329.3 | 329.9 | 7.2 | 41.5 | 24.0 | 50. |
| 37.2 | 85.4 | 14570.6 | 275.0 | -44.7 | 99.9 | 227.7 | 17.3 | 12.6 | 11.5 | 330.5 | 999.9 | 99.9 | 999.9 | 26.6 | 50. |
| 39.6 | 90.9 | 15701.0 | 250.0 | -49.8 | 99.9 | 226.2 | 15.1 | 10.9 | 10.4 | 332.0 | 999.9 | 99.9 | 999.9 | 28.9 | 49. |
| 41.8 | 94.6 | 16933.7 | 225.0 | -54.4 | 99.9 | 234.8 | 13.9 | 11.4 | 8.0 | 335.2 | 999.9 | 99.9 | 999.9 | 30.8 | 49. |
| 44.2 | 99.2 | 18131.3 | 200.0 | -59.8 | 99.9 | 238.4 | 16.8 | 13.6 | 8.4 | 339.7 | 999.9 | 99.9 | 999.9 | 32.8 | 50. |
| 47.1 | 104.4 | 19660.5 | 175.0 | -63.5 | 99.9 | 238.8 | 18.3 | 15.7 | 9.5 | 343.2 | 999.9 | 99.9 | 999.9 | 35.0 | 51. |
| 50.6 | 116.0 | 21311.3 | 150.0 | -61.2 | 99.9 | 244.1 | 23.1 | 21.2 | 9.4 | 344.7 | 999.9 | 99.9 | 999.9 | 39.9 | 52. |
| 54.3 | 116.9 | 23046.3 | 125.0 | -59.8 | 99.9 | 242.5 | 23.0 | 22.8 | 3.6 | 346.8 | 999.9 | 99.9 | 999.9 | 45.1 | 56. |
| 58.3 | 123.0 | 24823.7 | 100.0 | -66.8 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 398.8 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 4
CHILDRESS, TEXAS

20 APRIL 1979
200 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIA DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MK RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.3 | 11.0 | 796.0 | 940.6 | 21.0 | 16.6 | 110.0 | 4.1 | -3.9 | 1.4 | 294.4 | 333.3 | 12.6 | 75.0 | 0.0 | 0. |
| 0.3 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.3 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.3 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.6 | 12.5 | 741.6 | 925.0 | 21.8 | 16.1 | 124.4 | 8.3 | -6.8 | 4.7 | 301.6 | 335.5 | 12.6 | 70.1 | 0.3 | 305. |
| 1.5 | 14.7 | 979.8 | 900.0 | 20.6 | 15.5 | 133.0 | 8.4 | -6.1 | 5.7 | 302.8 | 336.3 | 12.4 | 72.3 | 0.9 | 307. |
| 2.5 | 17.0 | 1223.2 | 875.0 | 18.8 | 13.7 | 143.3 | 8.7 | -5.2 | 7.0 | 303.3 | 338.1 | 11.4 | 72.2 | 1.3 | 310. |
| 3.5 | 19.2 | 1472.0 | 850.0 | 17.4 | 11.1 | 159.6 | 9.2 | -3.2 | 8.6 | 308.3 | 331.3 | 9.8 | 66.5 | 1.8 | 316. |
| 4.4 | 21.5 | 1726.7 | 825.0 | 15.5 | 9.2 | 173.9 | 9.6 | -1.0 | 9.6 | 305.0 | 329.6 | 8.9 | 64.1 | 2.3 | 323. |
| 5.3 | 23.6 | 1987.3 | 800.0 | 13.8 | 6.7 | 186.7 | 8.8 | 1.0 | 8.4 | 305.9 | 327.6 | 7.7 | 62.0 | 2.7 | 330. |
| 6.3 | 26.2 | 2255.0 | 775.0 | 13.3 | 5.3 | 208.0 | 9.7 | 4.5 | 8.5 | 308.1 | 328.7 | 7.3 | 58.3 | 3.1 | 337. |
| 7.3 | 29.6 | 2530.2 | 750.0 | 11.3 | 4.7 | 219.9 | 10.3 | 6.6 | 7.9 | 308.8 | 329.2 | 7.2 | 63.9 | 3.5 | 346. |
| 8.4 | 31.1 | 2812.6 | 725.0 | 8.8 | 3.9 | 231.3 | 10.1 | 7.9 | 6.3 | 309.1 | 329.2 | 7.0 | 71.4 | 3.8 | 355. |
| 9.5 | 33.5 | 3102.4 | 700.0 | 6.1 | 2.6 | 233.9 | 10.3 | 8.4 | 6.1 | 309.3 | 328.2 | 6.6 | 78.1 | 4.2 | 3. |
| 10.5 | 36.1 | 3395.7 | 675.0 | 3.9 | 1.9 | 235.4 | 10.4 | 8.6 | 5.9 | 310.0 | 328.8 | 6.6 | 81.1 | 4.7 | 9. |
| 12.3 | 39.7 | 3705.7 | 650.0 | 1.2 | -0.8 | 241.4 | 12.7 | 11.2 | 6.1 | 310.4 | 328.6 | 5.6 | 86.5 | 5.3 | 17. |
| 13.2 | 41.2 | 4020.6 | 625.0 | -1.1 | -3.3 | 253.4 | 13.8 | 13.2 | 3.9 | 311.2 | 325.3 | 4.8 | 85.3 | 6.0 | 24. |
| 14.4 | 44.0 | 4345.5 | 600.0 | -3.1 | -6.2 | 269.0 | 13.0 | 13.0 | 0.2 | 312.5 | 324.5 | 4.0 | 79.3 | 6.5 | 31. |
| 15.6 | 46.7 | 4681.7 | 575.0 | -4.8 | -11.6 | 274.1 | 12.4 | 12.4 | -0.9 | 314.3 | 322.7 | 2.7 | 58.9 | 7.0 | 37. |
| 16.1 | 49.4 | 5030.0 | 550.0 | -7.4 | -13.5 | 271.6 | 12.4 | 12.4 | -0.3 | 315.3 | 322.9 | 2.5 | 61.9 | 7.5 | 43. |
| 18.2 | 52.3 | 5390.6 | 525.0 | -9.7 | -17.7 | 263.9 | 12.7 | 12.7 | 1.4 | 316.8 | 317.4 | 0.2 | 4.8 | 8.3 | 48. |
| 19.7 | 55.2 | 5755.9 | 500.0 | -11.5 | -20.4 | 264.3 | 14.9 | 14.9 | 1.5 | 319.0 | 319.8 | 0.2 | 7.0 | 9.3 | 52. |
| 21.1 | 58.2 | 6157.3 | 475.0 | -14.0 | -26.1 | 268.8 | 17.7 | 17.7 | 0.4 | 320.6 | 321.9 | 0.4 | 13.4 | 10.6 | 57. |
| 22.7 | 61.3 | 6565.0 | 450.0 | -17.7 | -36.5 | 273.6 | 17.0 | 16.9 | -1.1 | 321.1 | 322.4 | 0.4 | 17.3 | 11.9 | 62. |
| 24.2 | 64.4 | 6989.8 | 425.0 | -21.3 | -50.0 | 257.0 | 15.4 | 15.0 | 3.5 | 321.7 | 322.7 | 0.3 | 16.7 | 13.2 | 64. |
| 26.0 | 67.6 | 7434.4 | 400.0 | -24.6 | -62.9 | 241.5 | 15.8 | 13.9 | 7.6 | 323.1 | 323.8 | 0.2 | 16.5 | 14.9 | 64. |
| 28.1 | 71.0 | 7908.8 | 375.0 | -27.8 | -72.7 | 228.9 | 16.4 | 12.4 | 10.8 | 324.8 | 327.0 | 0.6 | 62.5 | 16.8 | 64. |
| 29.7 | 74.4 | 8392.9 | 350.0 | -31.9 | -82.5 | 220.0 | 17.9 | 11.5 | 13.8 | 325.8 | 328.2 | 0.7 | 94.5 | 18.7 | 61. |
| 31.9 | 78.0 | 8712.0 | 325.0 | -35.9 | -90.5 | 219.1 | 17.8 | 11.2 | 13.8 | 327.2 | 328.4 | 0.3 | 61.9 | 20.5 | 59. |
| 34.0 | 81.7 | 9463.2 | 300.0 | -40.6 | -99.9 | 222.8 | 17.5 | 11.9 | 12.9 | 328.1 | 328.1 | 99.9 | 99.9 | 22.8 | 57. |
| 36.5 | 85.7 | 10049.3 | 275.0 | -45.7 | -99.9 | 220.9 | 17.0 | 11.1 | 12.9 | 329.0 | 329.0 | 99.9 | 99.9 | 25.3 | 56. |
| 39.2 | 89.9 | 10676.1 | 250.0 | -51.2 | -99.9 | 215.9 | 16.5 | 9.7 | 13.3 | 330.0 | 329.9 | 99.9 | 99.9 | 27.8 | 56. |
| 41.5 | 94.2 | 11354.9 | 225.0 | -55.0 | -99.9 | 219.7 | 16.8 | 10.7 | 12.9 | 333.3 | 329.9 | 99.9 | 99.9 | 30.1 | 53. |
| 44.1 | 98.4 | 12120.5 | 200.0 | -59.8 | -99.9 | 224.1 | 20.4 | 14.2 | 14.7 | 338.0 | 329.9 | 99.9 | 99.9 | 32.9 | 52. |
| 46.7 | 104.0 | 12926.4 | 175.0 | -61.6 | -99.9 | 224.3 | 23.3 | 16.3 | 16.7 | 348.3 | 329.9 | 99.9 | 99.9 | 36.6 | 51. |
| 50.7 | 109.6 | 13996.4 | 150.0 | -56.4 | -99.9 | 250.5 | 23.8 | 22.4 | 7.9 | 373.0 | 329.9 | 99.9 | 99.9 | 41.9 | 51. |
| 54.2 | 115.8 | 15061.0 | 125.0 | -61.4 | -99.9 | 281.3 | 17.1 | 16.7 | -3.3 | 383.9 | 329.9 | 99.9 | 99.9 | 45.2 | 55. |
| 58.5 | 122.5 | 16410.2 | 100.0 | -65.4 | -99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 401.5 | 329.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 75.0 | -94.9 | -99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 50.0 | -99.9 | -99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | -99.9 | -99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 999.9 | 999.9 |

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

°° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 4
CHILDRESS, TEXAS

20 APRIL 1979
500 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POF T DEG K | E POT T DEG K | MX RTO G/KG | RM PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|----------------|-----------|-------------|-----------|
| 0.2 | 11.5 | 596.0 | 940.7 | 18.8 | 17.1 | 150.0 | 6.2 | -3.1 | 5.4 | 297.1 | 331.8 | 13.2 | 90.0 | 0.0 | 0 |
| 09.3 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 09.3 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 09.3 | 99.9 | 99.9 | 970.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.4 | 12.8 | 741.5 | 925.0 | 19.6 | 17.5 | 158.7 | 14.3 | -5.2 | 13.3 | 299.3 | 335.8 | 13.8 | 87.9 | 0.5 | 337. |
| 1.4 | 15.1 | 978.6 | 903.0 | 20.5 | 14.4 | 164.5 | 16.4 | -4.4 | 15.8 | 302.6 | 334.0 | 11.6 | 68.2 | 1.4 | 340. |
| 2.5 | 17.3 | 1228.2 | 873.0 | 18.9 | 14.0 | 168.7 | 15.6 | -3.0 | 15.3 | 303.5 | 334.9 | 11.6 | 72.9 | 2.4 | 342. |
| 3.5 | 19.5 | 1471.2 | 850.0 | 17.5 | 12.4 | 177.0 | 14.4 | -0.8 | 14.4 | 304.5 | 333.9 | 10.8 | 72.1 | 3.3 | 345. |
| 4.5 | 21.9 | 1726.1 | 825.0 | 15.8 | 11.3 | 191.6 | 14.0 | 2.8 | 13.7 | 305.3 | 333.7 | 10.3 | 74.9 | 4.1 | 348. |
| 5.5 | 24.1 | 1937.5 | 800.0 | 14.5 | 9.5 | 206.7 | 13.6 | 6.1 | 12.2 | 306.6 | 332.8 | 9.4 | 72.1 | 4.9 | 354. |
| 6.5 | 26.4 | 2250.2 | 775.0 | 14.1 | 2.0 | 220.9 | 11.5 | 7.5 | 8.7 | 309.0 | 326.4 | 6.1 | 46.3 | 5.5 | 359. |
| 7.5 | 28.7 | 2532.1 | 750.0 | 12.0 | 1.7 | 230.2 | 12.2 | 9.3 | 7.8 | 309.6 | 326.6 | 5.9 | 49.8 | 6.0 | 4. |
| 8.5 | 31.1 | 2915.0 | 725.0 | 9.8 | 0.7 | 244.3 | 11.3 | 10.2 | 4.9 | 310.2 | 326.4 | 5.6 | 52.9 | 6.5 | 9. |
| 9.7 | 33.5 | 3105.4 | 700.3 | 7.1 | -0.5 | 256.5 | 9.5 | 9.3 | 2.2 | 310.3 | 325.7 | 5.3 | 58.3 | 6.8 | 14. |
| 10.7 | 36.0 | 3403.3 | 675.0 | 4.8 | -4.2 | 265.1 | 9.6 | 9.6 | 0.8 | 311.1 | 323.4 | 4.2 | 52.0 | 7.1 | 19. |
| 12.1 | 39.5 | 3709.7 | 650.0 | 1.9 | -6.2 | 265.0 | 11.3 | 11.3 | 1.0 | 311.1 | 322.2 | 3.7 | 55.0 | 7.5 | 24. |
| 13.4 | 41.1 | 4028.5 | 625.0 | -1.3 | -7.2 | 263.8 | 11.9 | 11.8 | 1.3 | 310.9 | 321.6 | 3.6 | 64.5 | 8.0 | 30. |
| 14.5 | 43.7 | 4368.9 | 600.0 | -2.9 | -31.6 | 276.9 | 10.5 | 10.4 | -1.3 | 312.8 | 315.5 | 0.9 | 16.9 | 8.4 | 34. |
| 15.5 | 46.4 | 4685.4 | 575.0 | -3.8 | -52.3 | 288.7 | 9.2 | 8.7 | -3.0 | 315.5 | 315.7 | 0.0 | 1.0 | 8.6 | 38. |
| 16.4 | 49.1 | 5034.7 | 550.0 | -6.1 | -53.8 | 304.5 | 8.9 | 7.3 | -5.0 | 316.9 | 317.0 | 0.0 | 1.0 | 8.7 | 42. |
| 18.1 | 52.0 | 5396.7 | 525.0 | -9.0 | -55.6 | 302.6 | 10.6 | 9.0 | -5.7 | 317.7 | 317.8 | 0.0 | 1.0 | 8.9 | 47. |
| 19.4 | 54.5 | 5772.2 | 500.0 | -11.9 | -45.4 | 293.1 | 11.9 | 11.0 | -4.7 | 318.6 | 319.1 | 0.1 | 4.2 | 9.2 | 52. |
| 21.3 | 57.3 | 6162.8 | 475.0 | -14.7 | -36.6 | 266.1 | 12.5 | 12.0 | -3.5 | 319.7 | 321.0 | 0.3 | 13.7 | 9.6 | 58. |
| 22.4 | 60.7 | 6569.8 | 450.0 | -17.5 | -51.8 | 269.3 | 12.3 | 12.3 | 0.1 | 321.2 | 321.6 | 0.1 | 4.9 | 10.7 | 62. |
| 24.1 | 63.4 | 6994.8 | 425.0 | -21.2 | -44.4 | 254.0 | 11.7 | 11.2 | 3.2 | 321.8 | 322.4 | 0.2 | 10.6 | 11.8 | 64. |
| 25.7 | 67.0 | 7438.6 | 400.0 | -25.0 | -38.6 | 249.1 | 13.8 | 12.9 | 4.9 | 322.5 | 323.7 | 0.3 | 26.7 | 13.0 | 64. |
| 27.3 | 70.3 | 7908.9 | 375.0 | -28.4 | -38.9 | 240.6 | 16.1 | 14.0 | 7.9 | 324.0 | 325.2 | 0.3 | 35.9 | 14.5 | 64. |
| 29.1 | 73.7 | 8396.8 | 350.0 | -31.5 | -49.4 | 234.9 | 16.2 | 13.2 | 9.3 | 326.3 | 326.7 | 0.1 | 15.1 | 16.1 | 64. |
| 30.9 | 77.3 | 8916.6 | 325.0 | -35.8 | -50.9 | 231.2 | 18.5 | 14.4 | 11.4 | 327.3 | 327.7 | 0.1 | 19.4 | 17.9 | 63. |
| 32.3 | 80.9 | 9467.2 | 300.0 | -40.5 | -59.9 | 223.7 | 19.8 | 13.6 | 14.3 | 328.3 | 328.9 | 99.9 | 99.9 | 20.3 | 61. |
| 35.4 | 84.8 | 10053.3 | 275.0 | -45.3 | -59.9 | 220.5 | 19.1 | 12.4 | 14.5 | 329.6 | 329.9 | 99.9 | 99.9 | 23.1 | 58. |
| 37.6 | 88.8 | 10681.9 | 250.0 | -50.7 | -59.9 | 222.6 | 18.2 | 12.3 | 13.4 | 330.7 | 329.9 | 99.9 | 99.9 | 25.4 | 57. |
| 40.5 | 93.2 | 11362.5 | 225.0 | -54.2 | -59.9 | 226.9 | 25.0 | 18.2 | 17.0 | 335.4 | 329.9 | 99.9 | 99.9 | 28.8 | 55. |
| 43.0 | 97.8 | 12109.4 | 200.0 | -59.4 | -59.9 | 224.3 | 26.1 | 18.2 | 18.7 | 338.8 | 329.9 | 99.9 | 99.9 | 32.8 | 54. |
| 46.2 | 103.0 | 12943.0 | 175.0 | -59.9 | -59.9 | 232.7 | 22.0 | 17.5 | 13.3 | 351.0 | 329.9 | 99.9 | 99.9 | 37.3 | 53. |
| 49.4 | 109.4 | 13910.1 | 150.0 | -60.0 | -59.9 | 240.5 | 18.9 | 16.5 | 9.7 | 364.7 | 329.9 | 99.9 | 99.9 | 41.2 | 54. |
| 53.3 | 114.5 | 15039.7 | 125.0 | -62.2 | -59.9 | 251.1 | 19.7 | 18.7 | 6.4 | 382.4 | 329.9 | 99.9 | 99.9 | 45.5 | 55. |
| 57.6 | 121.3 | 15416.4 | 100.0 | -65.0 | -59.9 | 299.9 | 99.9 | 99.9 | 99.9 | 402.2 | 329.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 59.3 | 99.9 | 99.9 | 75.0 | -69.9 | -59.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 329.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 59.9 | 99.9 | 99.9 | 50.0 | -69.9 | -59.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 329.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 59.9 | 99.9 | 99.9 | 25.0 | -69.9 | -59.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 329.9 | 99.9 | 99.9 | 99.9 | 99.9 |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 4
CHILDRESS, TEXAS
20 APRIL 1979
815 GMT

| TIME MIN | CNTCT | HEIGHT GPA | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | J COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.7 | 11.0 | 596.0 | 940.5 | 18.7 | 17.5 | 160.0 | 9.3 | -3.2 | 8.7 | 297.0 | 332.6 | 13.6 | 93.0 | 9.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.4 | 12.4 | 739.0 | 925.0 | 17.7 | 16.5 | 175.7 | 14.9 | -1.1 | 14.9 | 297.4 | 331.3 | 12.9 | 92.8 | 0.7 | 1. |
| 1.6 | 14.6 | 974.0 | 900.0 | 18.1 | 15.7 | 186.6 | 19.1 | 2.2 | 19.0 | 300.2 | 333.7 | 12.6 | 85.9 | 1.7 | 2. |
| 2.6 | 16.6 | 1216.7 | 875.0 | 18.8 | 14.2 | 193.3 | 19.8 | 4.6 | 19.3 | 303.3 | 335.3 | 11.8 | 75.0 | 2.9 | 5. |
| 3.6 | 19.0 | 1465.6 | 850.0 | 17.1 | 13.6 | 201.2 | 18.2 | 6.6 | 16.9 | 304.1 | 335.7 | 11.6 | 79.6 | 3.9 | 8. |
| 4.4 | 21.3 | 1720.5 | 825.0 | 15.4 | 13.3 | 213.5 | 13.9 | 7.7 | 11.6 | 304.9 | 337.0 | 11.7 | 87.0 | 4.7 | 12. |
| 5.4 | 23.6 | 1981.7 | 800.0 | 14.6 | 7.5 | 219.1 | 14.4 | 9.1 | 11.1 | 306.7 | 329.6 | 8.2 | 62.5 | 5.5 | 15. |
| 6.7 | 25.9 | 2249.7 | 775.0 | 13.0 | 4.8 | 224.6 | 12.3 | 8.6 | 8.8 | 307.8 | 327.7 | 7.0 | 57.4 | 6.1 | 18. |
| 7.1 | 28.3 | 2524.6 | 750.0 | 10.7 | 3.2 | 233.1 | 10.2 | 8.1 | 6.1 | 308.2 | 326.7 | 6.5 | 59.7 | 6.6 | 21. |
| 8.1 | 30.7 | 2806.3 | 725.0 | 8.5 | -2.1 | 244.9 | 7.8 | 7.1 | 3.3 | 308.8 | 322.1 | 4.6 | 47.6 | 7.1 | 23. |
| 9.2 | 33.1 | 3095.4 | 700.0 | 6.5 | -8.0 | 251.3 | 7.3 | 6.9 | 2.3 | 309.7 | 318.6 | 3.0 | 34.5 | 7.4 | 26. |
| 10.3 | 35.6 | 3392.6 | 675.0 | 3.9 | -8.6 | 267.3 | 7.3 | 7.3 | 0.3 | 310.1 | 319.0 | 2.9 | 39.3 | 7.7 | 29. |
| 11.6 | 38.1 | 3677.8 | 650.0 | 1.2 | -8.0 | 272.0 | 7.5 | 7.5 | -0.3 | 310.3 | 320.0 | 3.2 | 53.0 | 7.9 | 32. |
| 12.9 | 40.7 | 4011.7 | 625.0 | -2.2 | -8.7 | 284.4 | 6.6 | 8.6 | 0.8 | 310.0 | 319.5 | 3.2 | 60.8 | 8.3 | 36. |
| 13.9 | 43.3 | 4334.7 | 600.0 | -5.2 | -7.6 | 274.6 | 7.3 | 7.3 | -0.6 | 310.2 | 320.9 | 3.6 | 83.1 | 8.6 | 39. |
| 15.1 | 46.0 | 4667.5 | 575.0 | -6.9 | -54.0 | 297.5 | 4.3 | 3.8 | -2.0 | 311.9 | 312.1 | 0.0 | 1.0 | 8.8 | 41. |
| 16.3 | 48.7 | 5014.7 | 550.0 | -7.3 | -54.6 | 296.3 | 3.8 | 3.4 | -1.7 | 315.4 | 315.6 | 0.0 | 1.0 | 8.8 | 43. |
| 17.6 | 51.5 | 5375.2 | 525.0 | -9.9 | -56.2 | 284.2 | 6.8 | 6.6 | -1.7 | 316.5 | 316.7 | 0.0 | 1.0 | 9.0 | 45. |
| 19.7 | 54.4 | 5749.6 | 500.0 | -12.7 | -48.4 | 275.8 | 11.7 | 11.6 | -1.2 | 317.6 | 317.9 | 0.1 | 3.2 | 9.5 | 48. |
| 20.4 | 57.4 | 6134.4 | 475.0 | -16.1 | -46.0 | 279.6 | 13.5 | 13.3 | -2.3 | 318.1 | 318.6 | 0.1 | 5.5 | 10.2 | 53. |
| 21.9 | 60.4 | 6543.0 | 450.0 | -19.2 | -43.0 | 271.7 | 14.5 | 14.5 | -0.4 | 319.1 | 319.8 | 0.2 | 10.0 | 11.2 | 58. |
| 23.4 | 63.5 | 6945.8 | 425.0 | -22.3 | -42.2 | 257.8 | 14.6 | 14.3 | 3.1 | 320.4 | 321.2 | 0.2 | 14.3 | 12.4 | 60. |
| 25.1 | 66.9 | 7408.2 | 400.0 | -25.7 | -39.6 | 249.8 | 15.7 | 14.7 | 5.4 | 321.6 | 322.7 | 0.3 | 26.0 | 13.8 | 62. |
| 26.9 | 70.1 | 7871.9 | 375.0 | -29.9 | -35.4 | 246.3 | 17.5 | 16.1 | 7.0 | 322.0 | 323.2 | 0.3 | 38.6 | 15.5 | 62. |
| 28.4 | 73.6 | 8360.3 | 350.0 | -33.3 | -32.7 | 244.8 | 16.0 | 14.5 | 6.8 | 323.8 | 324.2 | 0.1 | 13.8 | 17.2 | 63. |
| 30.4 | 77.1 | 8876.3 | 325.0 | -37.6 | -30.7 | 247.6 | 16.4 | 15.2 | 6.2 | 324.9 | 325.1 | 0.0 | 8.9 | 18.9 | 63. |
| 32.1 | 80.9 | 9423.0 | 300.0 | -42.0 | 99.9 | 243.0 | 16.6 | 14.8 | 7.5 | 326.1 | 999.9 | 99.9 | 999.9 | 20.8 | 63. |
| 34.3 | 84.8 | 10005.9 | 275.0 | -46.9 | 99.9 | 229.9 | 16.0 | 12.2 | 10.3 | 327.2 | 999.9 | 99.9 | 999.9 | 22.9 | 63. |
| 36.4 | 89.0 | 10631.1 | 250.0 | -51.4 | 99.9 | 224.0 | 17.8 | 12.4 | 12.8 | 329.7 | 999.9 | 99.9 | 999.9 | 25.2 | 61. |
| 39.2 | 93.3 | 11309.6 | 225.0 | -55.7 | 99.9 | 217.4 | 21.6 | 13.1 | 17.2 | 333.2 | 999.9 | 99.9 | 999.9 | 27.8 | 59. |
| 41.5 | 98.0 | 12051.4 | 200.0 | -60.3 | 99.9 | 214.7 | 24.6 | 14.0 | 20.2 | 337.3 | 999.9 | 99.9 | 999.9 | 30.9 | 56. |
| 44.4 | 103.2 | 12881.4 | 175.0 | -60.6 | 99.9 | 231.7 | 23.7 | 18.6 | 14.7 | 349.9 | 999.9 | 99.9 | 999.9 | 35.0 | 55. |
| 47.4 | 108.5 | 13849.7 | 150.0 | -58.7 | 99.9 | 240.9 | 18.2 | 15.9 | 8.8 | 369.0 | 999.9 | 99.9 | 999.9 | 39.3 | 55. |
| 52.0 | 114.8 | 14987.1 | 125.0 | -60.2 | 99.9 | 249.1 | 18.4 | 17.2 | 6.6 | 385.9 | 999.9 | 99.9 | 999.9 | 43.6 | 50. |
| 56.0 | 121.8 | 16363.2 | 100.0 | -63.4 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 405.3 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEND MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 4
CHILDRESS, TEXAS

20 APRIL 1979
1110 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES WB | TEMP TG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.7 | 11.9 | 596.0 | 941.3 | 19.8 | 16.0 | 170.0 | 6.2 | -1.1 | 6.1 | 297.1 | 329.5 | 12.3 | 88.0 | 0.0 | 0. |
| 99.0 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.7 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.5 | 13.4 | 746.4 | 925.0 | 18.1 | 15.0 | 181.5 | 9.8 | 0.3 | 9.8 | 297.8 | 329.0 | 11.8 | 82.6 | 0.6 | 1. |
| 1.7 | 13.6 | 792.1 | 900.0 | 19.1 | 16.3 | 205.2 | 13.5 | 5.7 | 12.2 | 301.2 | 336.2 | 13.1 | 84.0 | 1.2 | 9. |
| 2.7 | 17.9 | 1225.1 | 875.0 | 19.0 | 13.3 | 216.4 | 15.3 | 9.1 | 12.3 | 303.6 | 333.7 | 11.1 | 69.4 | 2.1 | 19. |
| 3.5 | 20.2 | 1474.6 | 850.0 | 18.7 | 7.6 | 229.6 | 12.5 | 9.5 | 8.1 | 305.8 | 327.5 | 7.8 | 48.5 | 2.9 | 25. |
| 4.5 | 22.5 | 1730.5 | 825.0 | 17.6 | 6.5 | 236.2 | 10.1 | 8.4 | 5.6 | 307.3 | 328.2 | 7.4 | 48.0 | 3.4 | 30. |
| 5.4 | 24.9 | 1992.8 | 800.0 | 15.8 | 4.5 | 235.6 | 9.5 | 7.9 | 5.4 | 308.0 | 328.9 | 6.6 | 47.1 | 3.9 | 33. |
| 6.3 | 27.3 | 2261.4 | 775.0 | 13.8 | -2.6 | 249.4 | 6.6 | 6.1 | 2.4 | 308.6 | 320.7 | 4.1 | 32.1 | 4.3 | 38. |
| 7.3 | 29.8 | 2536.4 | 750.0 | 11.4 | -4.4 | 271.1 | 5.2 | 5.2 | -0.1 | 309.0 | 319.8 | 3.7 | 32.6 | 4.6 | 39. |
| 8.5 | 32.2 | 2818.3 | 725.0 | 8.8 | -5.2 | 284.2 | 4.6 | 4.4 | -1.1 | 309.1 | 319.8 | 3.6 | 36.7 | 4.7 | 42. |
| 9.5 | 34.6 | 3107.3 | 700.0 | 6.2 | -5.8 | 268.9 | 5.4 | 5.4 | 0.1 | 309.4 | 319.9 | 3.6 | 42.0 | 4.9 | 45. |
| 10.3 | 37.4 | 3404.2 | 675.0 | 3.5 | -5.0 | 260.8 | 5.5 | 5.5 | 0.9 | 309.6 | 321.1 | 3.9 | 53.6 | 5.2 | 48. |
| 12.7 | 40.0 | 3708.9 | 650.0 | 0.7 | -5.5 | 255.6 | 5.4 | 5.2 | 1.3 | 309.7 | 321.3 | 3.9 | 63.2 | 5.6 | 50. |
| 13.1 | 42.4 | 4022.5 | 625.0 | -2.4 | -5.8 | 250.4 | 4.9 | 4.9 | 0.9 | 309.7 | 321.4 | 4.0 | 77.5 | 5.9 | 53. |
| 14.5 | 45.5 | 4345.2 | 600.0 | -5.5 | -7.1 | 274.5 | 3.9 | 3.3 | -0.3 | 309.8 | 320.9 | 3.7 | 88.2 | 6.2 | 53. |
| 15.3 | 48.3 | 4677.8 | 575.0 | -6.2 | -10.1 | 252.9 | 2.2 | 2.1 | 0.6 | 310.3 | 319.6 | 3.1 | 86.3 | 6.3 | 54. |
| 17.7 | 51.1 | 5022.1 | 550.0 | -7.6 | -14.6 | 233.0 | 4.0 | 3.2 | 2.4 | 315.1 | 315.3 | 0.0 | 1.0 | 6.5 | 54. |
| 18.5 | 54.1 | 5382.1 | 525.0 | -10.5 | -11.4 | 254.0 | 6.3 | 6.0 | 1.7 | 315.8 | 316.5 | 0.2 | 5.8 | 7.0 | 55. |
| 20.1 | 57.1 | 5755.7 | 500.0 | -13.4 | -11.5 | 268.0 | 8.7 | 8.7 | 0.3 | 316.6 | 317.5 | 0.2 | 7.2 | 7.6 | 57. |
| 21.6 | 60.3 | 6143.9 | 475.0 | -16.4 | -15.5 | 265.9 | 10.4 | 10.4 | 0.8 | 317.7 | 318.2 | 0.1 | 6.0 | 8.4 | 61. |
| 23.1 | 63.5 | 6548.1 | 450.0 | -19.8 | -14.2 | 261.6 | 13.2 | 13.1 | 1.9 | 318.4 | 319.0 | 0.2 | 9.3 | 9.4 | 63. |
| 24.7 | 66.9 | 6969.8 | 425.0 | -22.7 | -10.4 | 253.3 | 14.3 | 13.7 | 4.1 | 319.9 | 320.9 | 0.3 | 18.0 | 10.6 | 65. |
| 26.3 | 70.1 | 7411.1 | 400.0 | -26.7 | -16.5 | 247.5 | 15.8 | 14.6 | 6.1 | 320.4 | 321.8 | 0.4 | 38.5 | 12.0 | 65. |
| 27.9 | 73.7 | 7873.1 | 375.0 | -31.0 | -37.1 | 250.3 | 13.4 | 12.6 | 4.5 | 320.5 | 322.0 | 0.4 | 54.7 | 13.6 | 66. |
| 29.7 | 77.3 | 8358.6 | 350.0 | -34.5 | -39.9 | 250.3 | 15.7 | 14.8 | 5.3 | 320.5 | 322.7 | 0.1 | 19.6 | 15.1 | 66. |
| 31.5 | 81.2 | 8872.6 | 325.0 | -38.7 | -38.3 | 248.6 | 13.9 | 12.9 | 5.1 | 323.4 | 323.6 | 0.0 | 10.4 | 16.6 | 66. |
| 33.6 | 85.2 | 9417.7 | 300.0 | -42.2 | 99.9 | 251.7 | 15.8 | 15.0 | 5.0 | 325.8 | 99.9 | 99.9 | 99.9 | 18.4 | 67. |
| 35.7 | 89.5 | 10030.0 | 275.0 | -46.9 | 99.9 | 240.3 | 15.0 | 13.1 | 7.5 | 327.2 | 99.9 | 99.9 | 99.9 | 20.5 | 67. |
| 38.4 | 94.0 | 10625.5 | 250.0 | -50.6 | 99.9 | 235.0 | 17.4 | 13.7 | 10.7 | 330.9 | 99.9 | 99.9 | 99.9 | 22.7 | 66. |
| 41.3 | 98.4 | 11324.7 | 225.0 | -55.2 | 99.9 | 235.8 | 20.1 | 16.6 | 11.3 | 334.0 | 99.9 | 99.9 | 99.9 | 25.8 | 64. |
| 43.9 | 104.0 | 12046.1 | 200.0 | -60.1 | 99.9 | 234.1 | 22.6 | 18.3 | 13.2 | 337.6 | 99.9 | 99.9 | 99.9 | 28.4 | 63. |
| 47.2 | 109.9 | 12878.3 | 175.0 | -59.1 | 99.9 | 245.8 | 20.0 | 18.2 | 8.2 | 332.4 | 99.9 | 99.9 | 99.9 | 33.8 | 62. |
| 50.5 | 116.0 | 13865.8 | 150.0 | -58.2 | 99.9 | 253.7 | 18.1 | 17.4 | 5.1 | 369.9 | 99.9 | 99.9 | 99.9 | 37.6 | 64. |
| 54.9 | 123.2 | 14987.0 | 125.0 | -60.8 | 99.9 | 253.2 | 18.1 | 17.3 | 5.2 | 384.9 | 99.9 | 99.9 | 99.9 | 42.1 | 64. |
| 99.9 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 5
COLLEGE STATION, TEXAS

19 APRIL 1979
1115 GMT

| TIME MIN | CNTCT | HEIGHT GPH | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | 3M PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.3 | 5.9 | 79.0 | 1007.1 | 19.4 | 18.1 | 90.0 | 3.0 | -3.0 | 0.0 | 292.0 | 325.6 | 13.1 | 92.0 | 0.0 | 0. |
| 0.2 | 6.5 | 140.1 | 1000.0 | 19.7 | 17.3 | 175.1 | 9.1 | -0.8 | 9.1 | 291.8 | 324.1 | 12.6 | 92.0 | 0.6 | 312. |
| 1.3 | 8.6 | 358.0 | 975.0 | 18.5 | 16.0 | 177.1 | 11.0 | -0.6 | 11.0 | 293.8 | 328.7 | 13.5 | 98.6 | 0.8 | 325. |
| 1.8 | 10.7 | 581.6 | 950.0 | 19.3 | 17.6 | 181.5 | 12.7 | 0.3 | 12.7 | 295.8 | 330.9 | 13.5 | 95.6 | 1.4 | 340. |
| 2.7 | 12.9 | 610.5 | 925.0 | 15.7 | 15.9 | 181.5 | 10.5 | 0.3 | 10.5 | 296.4 | 329.0 | 12.4 | 98.9 | 2.0 | 348. |
| 3.6 | 15.1 | 1044.5 | 900.0 | 16.0 | 15.0 | 179.2 | 11.5 | -0.2 | 11.5 | 298.0 | 329.9 | 12.1 | 93.9 | 2.5 | 353. |
| 4.5 | 17.3 | 1284.2 | 875.0 | 14.2 | 13.4 | 173.0 | 11.4 | -1.4 | 11.7 | 298.6 | 328.3 | 11.2 | 94.8 | 3.2 | 351. |
| 5.5 | 19.5 | 1529.5 | 850.0 | 13.9 | 10.2 | 208.4 | 12.1 | 5.8 | 10.7 | 303.7 | 325.9 | 9.3 | 78.9 | 3.6 | 352. |
| 6.1 | 21.8 | 1741.8 | 825.0 | 13.6 | 10.1 | 209.4 | 12.9 | 6.3 | 11.3 | 303.0 | 328.9 | 9.5 | 77.5 | 4.2 | 359. |
| 7.7 | 24.1 | 2340.8 | 800.0 | 11.9 | 10.1 | 201.5 | 10.4 | 3.8 | 9.6 | 303.8 | 330.6 | 9.8 | 89.6 | 4.8 | 2. |
| 8.3 | 26.4 | 2306.8 | 775.0 | 10.2 | 9.2 | 193.0 | 7.3 | 1.6 | 7.1 | 308.8 | 330.9 | 9.5 | 93.4 | 5.4 | 4. |
| 9.4 | 29.9 | 2579.9 | 750.0 | 11.4 | 4.8 | 189.6 | 8.5 | 1.4 | 8.3 | 309.0 | 329.6 | 7.3 | 65.1 | 5.9 | 5. |
| 10.5 | 31.2 | 2362.3 | 725.0 | 9.8 | -8.8 | 181.0 | 6.4 | 3.1 | 6.4 | 310.2 | 319.4 | 2.7 | 26.1 | 6.4 | 5. |
| 11.7 | 33.5 | 3152.6 | 700.0 | 7.8 | -13.4 | 179.6 | 7.3 | -0.0 | 7.3 | 311.1 | 317.2 | 1.9 | 20.6 | 6.9 | 4. |
| 12.9 | 36.1 | 3653.9 | 675.0 | 5.4 | -13.2 | 161.0 | 4.1 | -1.3 | 3.9 | 311.7 | 318.0 | 2.1 | 24.7 | 7.2 | 4. |
| 14.1 | 38.6 | 3758.0 | 650.0 | 3.4 | -43.7 | 99.9 | 99.9 | 99.9 | 99.9 | 312.8 | 313.6 | 0.2 | 3.2 | 999.9 | 999. |
| 15.3 | 41.1 | 4274.1 | 625.0 | 0.7 | -42.2 | 99.9 | 99.9 | 99.9 | 99.9 | 313.2 | 313.8 | 0.2 | 2.7 | 999.9 | 999. |
| 16.5 | 43.4 | 4398.2 | 600.0 | -2.7 | -20.7 | 99.9 | 99.9 | 99.9 | 99.9 | 313.0 | 317.0 | 1.2 | 23.7 | 999.9 | 999. |
| 17.7 | 46.4 | 4735.1 | 575.0 | -5.0 | -15.9 | 99.9 | 99.9 | 99.9 | 99.9 | 314.2 | 320.2 | 1.9 | 41.9 | 999.9 | 999. |
| 19.1 | 49.2 | 5033.8 | 550.0 | -4.2 | -51.8 | 99.9 | 99.9 | 99.9 | 99.9 | 316.8 | 316.9 | 0.0 | 1.0 | 999.9 | 999. |
| 20.1 | 52.0 | 5446.1 | 525.0 | -8.7 | -55.4 | 99.9 | 99.9 | 99.9 | 99.9 | 318.0 | 318.1 | 0.0 | 1.0 | 999.9 | 999. |
| 21.5 | 54.9 | 5922.2 | 500.0 | -10.8 | -56.8 | 99.9 | 99.9 | 99.9 | 99.9 | 319.9 | 320.0 | 0.0 | 1.0 | 999.9 | 999. |
| 22.5 | 57.9 | 6213.9 | 475.0 | -14.2 | -58.9 | 99.9 | 99.9 | 99.9 | 99.9 | 320.4 | 320.5 | 0.0 | 1.0 | 999.9 | 999. |
| 23.9 | 60.9 | 6521.3 | 450.0 | -18.2 | -38.5 | 99.9 | 99.9 | 99.9 | 99.9 | 320.4 | 321.5 | 0.3 | 14.9 | 999.9 | 999. |
| 25.2 | 63.9 | 7044.8 | 425.0 | -22.3 | -28.6 | 99.9 | 99.9 | 99.9 | 99.9 | 320.4 | 323.2 | 0.8 | 56.3 | 999.9 | 999. |
| 26.5 | 67.0 | 7497.5 | 400.0 | -24.3 | -27.0 | 99.9 | 99.9 | 99.9 | 99.9 | 323.5 | 327.0 | 1.0 | 77.8 | 999.9 | 999. |
| 28.3 | 69.9 | 99.9 | 375.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999. |
| 29.7 | 99.9 | 99.9 | 350.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999. |
| 30.7 | 99.9 | 99.9 | 325.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999. |
| 32.2 | 99.9 | 99.9 | 300.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999. |
| 33.9 | 99.9 | 99.9 | 275.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999. |
| 35.9 | 99.9 | 99.9 | 250.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999. |
| 37.9 | 99.9 | 99.9 | 225.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999. |
| 39.4 | 99.9 | 99.9 | 200.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999. |
| 40.7 | 99.9 | 99.9 | 175.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999. |
| 42.3 | 99.9 | 99.9 | 150.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999. |
| 43.9 | 99.9 | 99.9 | 125.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999. |
| 45.3 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999. |
| 46.7 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999. |
| 48.3 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999. |
| 49.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 5
COLLEGE STATION, TEXAS

19 APRIL 1979
1732 GMT

| TIME MIN | CHTCT | HEIGHT GMM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTD GMM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|------------------|-----------|-------------|----------|
| 0.0 | 5.5 | 79.0 | 1009.1 | 24.0 | 21.3 | 90.0 | 2.0 | -2.0 | 0.0 | 296.5 | 338.2 | 16.1 | 85.0 | 0.0 | 0. |
| 0.3 | 6.2 | 149.9 | 1000.0 | 23.5 | 22.1 | 150.3 | 9.4 | -4.1 | 8.5 | 296.6 | 340.9 | 17.1 | 92.3 | 0.4 | 310. |
| 0.9 | 8.3 | 371.0 | 975.0 | 21.2 | 20.7 | 159.9 | 8.7 | -3.0 | 8.2 | 296.5 | 338.1 | 16.0 | 96.9 | 0.6 | 318. |
| 1.5 | 10.5 | 596.4 | 950.0 | 19.7 | 19.3 | 168.7 | 8.6 | -1.7 | 8.4 | 297.2 | 336.3 | 15.0 | 97.4 | 1.0 | 327. |
| 2.5 | 12.6 | 826.5 | 925.0 | 18.2 | 17.8 | 177.8 | 10.1 | -0.4 | 10.1 | 297.9 | 334.7 | 14.0 | 97.5 | 1.4 | 335. |
| 3.5 | 14.8 | 1061.9 | 900.0 | 17.5 | 17.1 | 185.0 | 11.9 | 1.0 | 11.9 | 299.6 | 336.1 | 13.8 | 97.5 | 2.1 | 344. |
| 4.4 | 17.0 | 1303.1 | 875.0 | 15.8 | 15.4 | 194.3 | 11.5 | 2.8 | 11.1 | 300.2 | 334.2 | 12.7 | 97.4 | 2.6 | 350. |
| 5.3 | 19.3 | 1550.1 | 850.0 | 14.6 | 13.2 | 201.5 | 10.9 | 4.0 | 10.1 | 301.5 | 332.0 | 11.3 | 91.2 | 3.2 | 355. |
| 6.3 | 21.5 | 1822.9 | 825.0 | 13.7 | 11.8 | 201.6 | 10.1 | 3.7 | 9.4 | 303.1 | 332.1 | 10.7 | 88.2 | 3.8 | 360. |
| 7.3 | 23.9 | 2062.3 | 800.0 | 12.2 | 9.1 | 200.5 | 9.4 | 3.3 | 8.8 | 304.2 | 329.4 | 9.2 | 81.3 | 4.3 | 2. |
| 8.3 | 26.2 | 2329.6 | 775.0 | 11.0 | 7.0 | 207.8 | 11.1 | 5.2 | 9.8 | 306.8 | 328.4 | 8.2 | 76.7 | 6.8 | 5. |
| 9.1 | 29.5 | 2611.8 | 750.0 | 9.4 | 3.6 | 224.3 | 8.7 | 6.0 | 9.2 | 308.2 | 324.4 | 5.6 | 60.9 | 5.6 | 11. |
| 10.4 | 33.9 | 2882.4 | 725.0 | 7.9 | 0.9 | 243.6 | 6.0 | 5.4 | 2.7 | 309.1 | 323.0 | 4.8 | 56.7 | 5.8 | 15. |
| 11.5 | 38.4 | 3171.1 | 700.0 | 6.0 | -1.9 | 249.8 | 5.4 | 5.0 | 1.9 | 310.7 | 323.7 | 4.4 | 56.2 | 6.0 | 17. |
| 12.6 | 43.9 | 3468.5 | 675.0 | 4.5 | -3.4 | 231.6 | 4.7 | 3.7 | 2.9 | 311.5 | 324.0 | 3.3 | 58.7 | 6.3 | 18. |
| 13.9 | 49.0 | 3775.1 | 650.0 | 2.2 | -4.2 | 213.4 | 5.1 | 2.8 | 4.2 | 312.6 | 324.3 | 5.3 | 65.9 | 6.7 | 19. |
| 15.0 | 54.0 | 4070.7 | 625.0 | 0.2 | -1.9 | 193.4 | 4.9 | 1.1 | 5.1 | 313.4 | 326.5 | 4.4 | 62.7 | 7.0 | 18. |
| 16.2 | 58.6 | 4417.1 | 600.0 | -2.4 | -4.9 | 176.3 | 5.1 | -0.2 | 5.1 | 313.9 | 324.0 | 3.3 | 67.0 | 8.5 | 14. |
| 17.4 | 63.3 | 4753.7 | 575.0 | -5.2 | -9.3 | 160.0 | 6.2 | 0.0 | 6.2 | 316.9 | 324.3 | 2.4 | 67.0 | 9.1 | 13. |
| 18.7 | 68.0 | 5121.7 | 550.0 | -7.5 | -9.1 | 148.3 | 7.0 | -0.2 | 7.0 | 320.7 | 322.9 | 0.6 | 17.6 | 9.8 | 11. |
| 20.2 | 73.9 | 5463.1 | 525.0 | -9.6 | -14.6 | 123.6 | 7.3 | -0.8 | 7.2 | 322.8 | 326.4 | 1.1 | 34.9 | 10.8 | 10. |
| 21.7 | 79.4 | 5840.1 | 500.0 | -10.1 | -20.2 | 170.1 | 7.9 | -1.3 | 7.7 | 323.6 | 328.1 | 1.3 | 58.6 | 12.0 | 13. |
| 23.1 | 85.0 | 6234.1 | 475.0 | -12.3 | -24.7 | 176.4 | 9.6 | -0.6 | 9.6 | 325.7 | 330.8 | 1.0 | 56.2 | 999.9 | 999. |
| 24.6 | 90.7 | 6545.0 | 450.0 | -15.6 | -22.8 | 198.8 | 12.5 | 4.0 | 11.9 | 327.5 | 331.4 | 0.6 | 55.8 | 999.9 | 999. |
| 26.2 | 93.4 | 7074.4 | 425.0 | -19.1 | -24.2 | 99.9 | 99.9 | 99.9 | 99.9 | 330.3 | 332.3 | 0.6 | 56.2 | 16.1 | 26. |
| 27.5 | 97.0 | 7524.7 | 400.0 | -21.2 | -27.6 | 99.9 | 99.9 | 99.9 | 99.9 | 331.4 | 333.4 | 0.4 | 51.9 | 18.1 | 29. |
| 29.5 | 103.2 | 7997.9 | 375.0 | -24.8 | -31.1 | 99.9 | 99.9 | 99.9 | 99.9 | 332.4 | 333.4 | 0.2 | 49.5 | 20.2 | 31. |
| 31.4 | 108.4 | 8496.1 | 350.0 | -28.6 | -34.5 | 231.0 | 18.5 | 14.4 | 11.7 | 333.1 | 333.4 | 0.2 | 49.5 | 22.4 | 33. |
| 33.2 | 113.3 | 9022.6 | 325.0 | -32.8 | -39.3 | 230.3 | 19.0 | 14.6 | 12.1 | 333.1 | 333.4 | 0.2 | 49.5 | 24.5 | 36. |
| 35.2 | 118.0 | 9580.3 | 300.0 | -37.6 | -44.2 | 230.3 | 19.6 | 15.1 | 12.5 | 333.1 | 333.4 | 0.2 | 49.5 | 27.3 | 39. |
| 37.2 | 123.0 | 10173.8 | 275.0 | -43.1 | -49.1 | 237.4 | 18.1 | 15.3 | 9.7 | 333.1 | 333.4 | 0.2 | 49.5 | 30.5 | 42. |
| 39.4 | 128.0 | 10807.9 | 250.0 | -49.1 | -54.8 | 241.9 | 20.2 | 17.8 | 9.5 | 333.1 | 333.4 | 0.2 | 49.5 | 33.8 | 45. |
| 41.7 | 133.4 | 11490.2 | 225.0 | -54.8 | -59.9 | 244.6 | 23.1 | 20.9 | 9.9 | 333.1 | 333.4 | 0.2 | 49.5 | 37.5 | 49. |
| 44.2 | 138.0 | 12234.2 | 200.0 | -60.0 | -64.9 | 248.6 | 22.7 | 20.5 | 9.7 | 333.1 | 333.4 | 0.2 | 49.5 | 42.5 | 54. |
| 46.9 | 143.2 | 13070.0 | 175.0 | -60.0 | -69.9 | 254.1 | 24.2 | 23.2 | 6.6 | 333.1 | 333.4 | 0.2 | 49.5 | 999.9 | 999. |
| 50.2 | 148.4 | 14031.5 | 150.0 | -60.3 | -69.9 | 267.3 | 24.4 | 24.4 | 1.2 | 333.1 | 333.4 | 0.2 | 49.5 | 999.9 | 999. |
| 53.9 | 154.8 | 15159.0 | 125.0 | -64.9 | -69.9 | 265.9 | 26.5 | 26.5 | 1.9 | 333.1 | 333.4 | 0.2 | 49.5 | 999.9 | 999. |
| 57.9 | 161.8 | 16515.1 | 100.0 | -68.0 | -69.9 | 99.9 | 99.9 | 99.9 | 99.9 | 333.1 | 333.4 | 0.2 | 49.5 | 999.9 | 999. |
| 59.9 | 166.9 | 17500.0 | 75.0 | -69.9 | -69.9 | 99.9 | 99.9 | 99.9 | 99.9 | 333.1 | 333.4 | 0.2 | 49.5 | 999.9 | 999. |
| 60.9 | 171.9 | 18490.0 | 50.0 | -69.9 | -69.9 | 99.9 | 99.9 | 99.9 | 99.9 | 333.1 | 333.4 | 0.2 | 49.5 | 999.9 | 999. |
| 62.9 | 176.9 | 19480.0 | 25.0 | -69.9 | -69.9 | 99.9 | 99.9 | 99.9 | 99.9 | 333.1 | 333.4 | 0.2 | 49.5 | 999.9 | 999. |

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
° BY TEMP MEANS TEMP. ° OR TIME HAVE BEEN INTERPOLATED
° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 5
COLLEGE STATION, TEXAS19 APRIL 1979
2005 GMT

| TIME MIN | CNCT | HEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DG | SPEED M/SEC | J COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | WX RTO GW/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|---------------|-----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0-0 | 5-9 | 79.0 | 1006.4 | 21.4 | 19.3 | 165.0 | 5.0 | -1.3 | 4.8 | 294.0 | 330.7 | 14.2 | 88.0 | 0.0 | 0. |
| 0-1 | 6-5 | 136.6 | 1000.0 | 21.2* | 19.6 | 163.0 | 9.9 | -2.9 | 9.5 | 294.4 | 332.0 | 14.6 | 90.6 | 0.5 | 314. |
| 0-4 | 8-6 | 354.5 | 975.0 | 20.4 | 19.4 | 160.0 | 11.0 | -2.5 | 10.7 | 275.7 | 334.1 | 14.8 | 94.0 | 0.8 | 323. |
| 1-7 | 17-9 | 579.6 | 950.0 | 20.7 | 14.9 | 180.0 | 10.9 | 0.2 | 10.9 | 293.2 | 329.3 | 11.3 | 69.6 | 1.3 | 335. |
| 2-6 | 12-9 | 410.5 | 925.0 | 20.4 | 12.6 | 145.2 | 8.7 | 0.8 | 8.7 | 302.2 | 327.2 | 10.0 | 60.9 | 1.7 | 344. |
| 3-5 | 15-1 | 1047.1 | 903.0 | 17.2 | 11.8 | 186.4 | 8.7 | 1.3 | 8.6 | 301.3 | 327.6 | 9.7 | 62.1 | 2.2 | 343. |
| 4-4 | 17-1 | 1299.7 | 875.0 | 19.2 | 11.0 | 184.7 | 7.6 | 0.5 | 7.5 | 302.7 | 329.7 | 9.5 | 62.6 | 2.6 | 352. |
| 5-4 | 19-5 | 1537.7 | 850.0 | 16.3 | 9.4 | 173.6 | 4.8 | -0.5 | 4.8 | 303.3 | 327.3 | 8.8 | 63.4 | 3.3 | 352. |
| 6-3 | 21-4 | 1731.7 | 825.0 | 14.9 | 7.9 | 184.7 | 4.2 | 0.3 | 4.2 | 304.4 | 327.0 | 8.2 | 63.0 | 3.2 | 353. |
| 7-4 | 24-2 | 2051.7 | 800.0 | 12.9 | 5.2 | 171.3 | 1.9 | -0.3 | 1.9 | 304.9 | 324.5 | 7.0 | 59.6 | 3.4 | 354. |
| 8-5 | 26-5 | 2318.1 | 775.0 | 11.4 | 3.5 | 121.8 | 1.6 | -1.3 | 0.8 | 306.1 | 324.2 | 6.4 | 58.2 | 3.4 | 353. |
| 9-6 | 28-9 | 2521.1 | 750.0 | 8.8 | 2.0 | 99.8 | 1.9 | -1.9 | 0.3 | 306.2 | 323.0 | 5.9 | 62.4 | 3.5 | 351. |
| 10-4 | 31-3 | 2471.3 | 725.0 | 6.9 | 0.6 | 64.6 | 0.9 | -0.8 | -0.4 | 307.1 | 323.0 | 5.6 | 64.2 | 3.5 | 343. |
| 11-4 | 33-6 | 3159.2 | 700.0 | 5.0 | 0.1 | 273.0 | 1.5 | 1.5 | -0.1 | 309.0 | 323.9 | 5.5 | 70.7 | 3.5 | 353. |
| 13-3 | 36-1 | 3455.0 | 675.0 | 2.5 | 0.3 | 341.2 | 1.5 | 0.5 | -1.4 | 308.5 | 325.2 | 5.8 | 85.5 | 3.5 | 351. |
| 14-3 | 38-7 | 3759.6 | 650.0 | 0.4 | -0.5 | 26.2 | 1.1 | -0.5 | -1.0 | 309.4 | 325.9 | 5.7 | 94.0 | 3.4 | 353. |
| 15-4 | 41-2 | 4074.1 | 625.0 | -0.8 | -2.6 | 112.6 | 1.3 | -1.2 | 0.5 | 311.5 | 326.4 | 5.1 | 87.8 | 3.4 | 350. |
| 16-4 | 43-9 | 4394.4 | 600.0 | -2.8 | -5.9 | 203.4 | 4.2 | 1.7 | 3.8 | 312.9 | 324.3 | 3.8 | 73.0 | 3.5 | 352. |
| 17-4 | 46-5 | 4716.5 | 575.0 | -4.2 | -8.7 | 200.6 | 6.5 | 2.3 | 6.1 | 315.1 | 325.6 | 3.5 | 70.7 | 3.9 | 355. |
| 18-7 | 49-3 | 5046.3 | 550.0 | -6.0 | -7.8 | 202.9 | 9.5 | 3.7 | 8.8 | 317.0 | 329.8 | 3.9 | 87.0 | 4.4 | 354. |
| 20-2 | 52-1 | 5489.8 | 525.0 | -7.8 | -11.5 | 205.7 | 10.3 | 4.5 | 9.3 | 319.0 | 328.4 | 3.0 | 74.6 | 5.1 | 2. |
| 21-5 | 55-0 | 5924.8 | 500.0 | -9.4 | -14.2 | 203.4 | 9.8 | 3.9 | 9.0 | 321.6 | 329.7 | 2.6 | 68.2 | 5.8 | 5. |
| 22-9 | 57-9 | 6273.4 | 475.0 | -17.2 | -17.6 | 214.2 | 8.0 | 4.5 | 6.6 | 322.9 | 329.4 | 2.0 | 63.9 | 6.6 | 7. |
| 24-4 | 61-3 | 6635.4 | 450.0 | -14.9 | -20.7 | 226.3 | 8.5 | 6.1 | 5.9 | 324.5 | 329.9 | 1.6 | 61.5 | 7.1 | 10. |
| 26-0 | 64-1 | 7065.1 | 425.0 | -17.1 | -24.6 | 227.8 | 13.6 | 10.1 | 9.2 | 327.0 | 331.2 | 1.2 | 52.0 | 7.9 | 15. |
| 27-5 | 67-1 | 7518.1 | 400.0 | -20.7 | -28.7 | 236.5 | 15.3 | 12.7 | 8.4 | 328.2 | 331.2 | 0.9 | 48.2 | 9.1 | 20. |
| 29-1 | 70-6 | 7972.0 | 375.0 | -24.4 | -30.9 | 237.2 | 17.1 | 14.4 | 9.3 | 329.3 | 332.0 | 0.8 | 54.8 | 13.3 | 25. |
| 30-7 | 74-0 | 8420.7 | 350.0 | -28.4 | -36.8 | 241.6 | 18.2 | 16.0 | 8.6 | 330.5 | 332.2 | 0.5 | 43.7 | 11.8 | 30. |
| 32-6 | 77-6 | 9017.4 | 325.0 | -33.1 | -42.6 | 241.9 | 19.1 | 16.8 | 9.0 | 331.1 | 332.1 | 0.3 | 37.5 | 13.7 | 35. |
| 34-9 | 81-3 | 9574.4 | 300.0 | -39.0 | -51.1 | 234.9 | 19.4 | 15.9 | 11.2 | 331.8 | 332.2 | 0.1 | 23.6 | 16.1 | 39. |
| 37-1 | 85-2 | 10166.8 | 275.0 | -41.2 | 99.9 | 234.3 | 19.2 | 15.6 | 11.2 | 332.7 | 999.9 | 99.9 | 999.9 | 18.6 | 41. |
| 39-4 | 89-3 | 10920.6 | 250.0 | -49.8 | 99.9 | 243.2 | 20.8 | 18.6 | 9.4 | 333.6 | 999.9 | 99.9 | 999.9 | 21.2 | 43. |
| 41-7 | 91-9 | 11484.6 | 225.0 | -54.9 | 99.9 | 246.1 | 21.5 | 19.6 | 8.7 | 334.4 | 999.9 | 99.9 | 999.9 | 23.8 | 46. |
| 44-3 | 93-4 | 12223.6 | 200.0 | -54.3 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 338.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 47-5 | 103-4 | 13051.6 | 175.0 | -61.7 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 348.2 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 51-0 | 107-0 | 14313.1 | 150.0 | -62.8 | 99.9 | 99.9 | 22.8 | 22.5 | 4.0 | 361.9 | 999.9 | 99.9 | 999.9 | 36.3 | 52. |
| 55-0 | 115-0 | 15179.4 | 125.0 | -64.3 | 99.9 | 266.3 | 28.4 | 28.3 | 1.8 | 378.5 | 999.9 | 99.9 | 999.9 | 41.5 | 56. |
| 59-4 | 122-0 | 16478.2 | 100.0 | -68.7 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 395.1 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99-0 | 99-0 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99-7 | 99-9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99-7 | 99-9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* 37 TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. S
COLLEGE STATION, TEXAS
19 APRIL 1979
2305 GMT

| TIME MIN | CNTCT | HEIGHT GPN | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT Y DG K | E POT Y DG K | MX RTO GM/KG | RM PCY | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 6.7 | 79.0 | 1005.8 | 20.3 | 19.8 | 120.0 | 3.0 | -2.6 | 1.5 | 293.0 | 330.6 | 14.7 | 97.0 | 507.0 | 0 |
| 0.2 | 7.7 | 129.2 | 1000.0 | 20.1 | 19.4 | 162.9 | 8.8 | -2.6 | 8.4 | 293.3 | 330.2 | 14.3 | 95.4 | 0.0 | 323.0 |
| 1.1 | 9.3 | 348.0 | 975.0 | 18.7 | 17.8 | 169.1 | 10.3 | -1.9 | 10.1 | 294.0 | 328.3 | 13.3 | 94.5 | 0.9 | 330.0 |
| 2.1 | 11.4 | 572.4 | 950.0 | 19.2 | 17.1 | 182.6 | 11.0 | 0.5 | 11.0 | 296.6 | 330.9 | 13.1 | 88.0 | 1.5 | 342.0 |
| 3.1 | 13.5 | 801.9 | 925.0 | 18.1 | 16.7 | 192.5 | 10.9 | 2.4 | 10.6 | 297.8 | 332.3 | 13.1 | 91.8 | 2.1 | 350.0 |
| 4.2 | 15.7 | 1036.4 | 900.0 | 16.1 | 14.0 | 188.1 | 9.8 | 1.4 | 9.7 | 298.1 | 328.0 | 11.2 | 87.2 | 2.7 | 356.0 |
| 5.3 | 17.9 | 1276.2 | 875.0 | 15.6 | 14.0 | 189.1 | 10.2 | 1.6 | 10.1 | 300.0 | 331.0 | 11.6 | 90.3 | 3.4 | 357.0 |
| 6.4 | 20.2 | 1521.9 | 850.0 | 13.6 | 12.2 | 196.4 | 10.3 | 2.9 | 9.9 | 300.4 | 328.9 | 10.6 | 91.0 | 4.0 | 0 |
| 7.6 | 22.5 | 1773.7 | 825.0 | 12.2 | 11.2 | 192.6 | 8.9 | 1.9 | 8.7 | 301.4 | 329.1 | 10.2 | 93.8 | 4.8 | 3.0 |
| 8.9 | 24.7 | 2031.9 | 800.0 | 10.8 | 10.0 | 185.6 | 7.4 | 0.7 | 7.4 | 302.7 | 329.3 | 9.7 | 94.7 | 5.3 | 3.0 |
| 10.0 | 27.1 | 2296.7 | 775.0 | 9.4 | 8.6 | 180.6 | 6.3 | 0.1 | 6.3 | 304.0 | 329.0 | 9.1 | 94.4 | 5.8 | 3.0 |
| 11.3 | 29.5 | 2568.6 | 750.0 | 7.3 | 6.5 | 167.0 | 4.9 | -1.1 | 4.8 | 304.5 | 327.1 | 8.1 | 94.5 | 6.2 | 3.0 |
| 12.5 | 31.9 | 2846.9 | 725.0 | 5.0 | 3.9 | 138.9 | 2.9 | -1.9 | 2.2 | 305.0 | 324.6 | 7.0 | 92.2 | 6.5 | 2.0 |
| 14.0 | 34.3 | 3133.2 | 700.0 | 3.3 | 2.4 | 177.2 | 2.7 | -0.1 | 2.7 | 306.2 | 324.7 | 6.5 | 93.6 | 6.6 | 1.0 |
| 15.4 | 36.8 | 3428.3 | 675.0 | 2.0 | 1.4 | 203.2 | 5.9 | 2.3 | 5.4 | 307.3 | 325.9 | 6.3 | 95.7 | 7.0 | 2.0 |
| 16.9 | 39.4 | 3732.4 | 650.0 | 0.3 | -0.3 | 219.2 | 6.8 | 4.3 | 5.3 | 309.3 | 326.0 | 5.8 | 96.2 | 7.5 | 4.0 |
| 18.3 | 42.0 | 4046.3 | 625.0 | -1.6 | -1.9 | 228.9 | 7.3 | 5.5 | 4.8 | 310.6 | 326.2 | 5.4 | 97.9 | 8.1 | 8.0 |
| 21.0 | 44.5 | 4372.2 | 600.0 | -2.0 | -2.5 | 209.4 | 6.1 | 3.0 | 5.3 | 313.8 | 329.4 | 5.3 | 96.8 | 8.8 | 11.0 |
| 23.3 | 47.3 | 4709.9 | 575.0 | -4.0 | -4.7 | 214.0 | 7.1 | 4.0 | 5.9 | 315.4 | 329.4 | 4.7 | 94.4 | 9.7 | 12.0 |
| 25.1 | 50.1 | 5040.0 | 550.0 | -5.8 | -6.7 | 223.7 | 7.2 | 5.0 | 5.2 | 317.3 | 330.1 | 4.2 | 93.1 | 10.4 | 15.0 |
| 27.7 | 52.9 | 5424.1 | 525.0 | -7.6 | -8.7 | 229.9 | 99.9 | 99.9 | 99.9 | 319.3 | 330.9 | 3.8 | 91.4 | 11.4 | 17.0 |
| 29.3 | 55.9 | 59.9 | 500.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 31.9 | 59.9 | 99.9 | 475.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 34.3 | 63.9 | 99.9 | 450.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 36.8 | 67.9 | 99.9 | 425.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 39.4 | 71.9 | 99.9 | 400.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 42.0 | 75.9 | 99.9 | 375.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 44.5 | 79.9 | 99.9 | 350.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 47.3 | 83.9 | 99.9 | 325.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 50.1 | 87.9 | 99.9 | 300.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 52.9 | 91.9 | 99.9 | 275.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 55.9 | 95.9 | 99.9 | 250.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 59.9 | 99.9 | 99.9 | 225.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 63.9 | 99.9 | 99.9 | 200.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 67.9 | 99.9 | 99.9 | 175.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 71.9 | 99.9 | 99.9 | 150.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 75.9 | 99.9 | 99.9 | 125.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 79.9 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 83.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 87.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 91.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 3
COLLEGE STATION, TEXAS

20 APRIL 1979
207 GMT

119 97. 0

| TIME MIN | CNCTY | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO CM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 6.2 | 79.0 | 1005.4 | 20.8 | 19.5 | 30.0 | 5.0 | -2.5 | -4.3 | 293.5 | 330.4 | 14.3 | 92.0 | 0.0 | 0. |
| 0.2 | 6.7 | 125.9 | 1003.0 | 20.7 | 19.7 | 72.7 | 3.6 | -3.5 | -1.1 | 293.9 | 331.6 | 14.6 | 93.9 | 0.4 | 325. |
| 1.0 | 9.8 | 345.3 | 975.0 | 19.8 | 19.1 | 127.5 | 7.7 | -6.1 | 4.7 | 295.1 | 332.5 | 14.4 | 95.4 | 0.9 | 299. |
| 1.0 | 11.0 | 569.9 | 950.0 | 19.6 | 19.8 | 140.2 | 10.8 | -6.9 | 8.3 | 297.1 | 335.1 | 14.6 | 95.4 | 1.4 | 326. |
| 2.7 | 13.1 | 799.3 | 925.0 | 19.3 | 18.3 | 145.3 | 8.6 | -4.9 | 7.1 | 298.0 | 327.7 | 11.2 | 77.9 | 1.9 | 310. |
| 3.6 | 15.4 | 1034.3 | 900.0 | 18.7 | 18.1 | 149.8 | 8.3 | -4.2 | 7.2 | 298.7 | 329.9 | 11.4 | 85.0 | 2.3 | 313. |
| 4.5 | 17.5 | 1274.0 | 875.0 | 18.4 | 17.7 | 154.5 | 9.4 | -4.0 | 8.4 | 298.8 | 329.0 | 11.3 | 95.2 | 2.8 | 317. |
| 5.5 | 19.9 | 1519.1 | 850.0 | 17.5 | 16.5 | 155.5 | 7.2 | -3.0 | 6.6 | 299.2 | 324.7 | 9.5 | 87.9 | 3.3 | 320. |
| 6.5 | 22.2 | 1770.9 | 825.0 | 12.7 | 9.2 | 154.2 | 5.3 | -2.3 | 4.8 | 302.1 | 326.5 | 8.9 | 79.4 | 3.6 | 324. |
| 7.4 | 24.5 | 2229.3 | 800.0 | 11.6 | 7.2 | 171.8 | 5.2 | -0.7 | 5.2 | 303.5 | 325.6 | 8.0 | 74.3 | 3.9 | 322. |
| 8.5 | 26.9 | 2294.7 | 775.0 | 10.0 | 6.2 | 195.7 | 5.7 | 1.5 | 5.5 | 304.6 | 326.2 | 7.7 | 77.2 | 4.1 | 325. |
| 9.4 | 29.2 | 2567.0 | 750.0 | 8.3 | 5.4 | 219.2 | 6.9 | 4.3 | 5.3 | 305.6 | 326.8 | 7.6 | 81.9 | 4.3 | 330. |
| 10.7 | 31.6 | 2847.0 | 725.0 | 6.7 | 4.7 | 239.9 | 8.1 | 7.0 | 4.1 | 306.8 | 327.6 | 7.4 | 87.2 | 4.4 | 337. |
| 11.7 | 34.1 | 3134.5 | 700.0 | 4.2 | 2.5 | 239.4 | 9.0 | 7.7 | 4.6 | 307.1 | 325.9 | 6.6 | 89.1 | 4.5 | 344. |
| 12.4 | 36.4 | 3430.4 | 675.0 | 3.2 | 0.9 | 242.7 | 9.1 | 8.1 | 4.2 | 309.3 | 326.8 | 6.1 | 86.8 | 4.7 | 351. |
| 13.4 | 39.1 | 3736.1 | 650.0 | 1.5 | 0.1 | 243.8 | 8.9 | 8.0 | 3.9 | 310.7 | 328.0 | 6.0 | 90.5 | 4.9 | 357. |
| 15.1 | 41.7 | 4251.8 | 625.0 | 0.1 | -2.9 | 251.1 | 9.5 | 9.0 | 3.1 | 312.6 | 327.3 | 5.0 | 83.7 | 5.1 | 4. |
| 16.4 | 44.3 | 4379.1 | 600.0 | -0.7 | -6.5 | 257.0 | 11.6 | 11.3 | 2.6 | 315.3 | 327.2 | 3.9 | 68.6 | 5.4 | 12. |
| 17.4 | 47.1 | 4717.9 | 575.0 | -3.1 | -9.0 | 258.3 | 13.4 | 13.1 | 2.7 | 316.4 | 326.7 | 3.4 | 63.6 | 5.9 | 20. |
| 18.3 | 49.9 | 5068.9 | 550.0 | -5.8 | -10.9 | 255.8 | 13.6 | 13.4 | 3.4 | 317.3 | 326.7 | 3.0 | 67.1 | 6.5 | 28. |
| 20.2 | 52.7 | 5432.3 | 525.0 | -8.0 | -12.1 | 253.2 | 12.2 | 11.7 | 3.5 | 318.9 | 327.9 | 2.9 | 71.9 | 7.2 | 34. |
| 21.2 | 55.6 | 5910.6 | 500.0 | -10.1 | -14.2 | 246.6 | 12.4 | 11.4 | 4.9 | 320.8 | 328.9 | 2.6 | 71.8 | 8.1 | 38. |
| 23.7 | 53.5 | 5204.5 | 475.0 | -13.0 | -13.9 | 238.1 | 13.6 | 11.5 | 7.2 | 321.9 | 330.6 | 2.7 | 92.4 | 9.2 | 41. |
| 24.4 | 61.5 | 6614.9 | 450.0 | -14.9 | -23.0 | 241.7 | 12.1 | 10.7 | 5.7 | 324.5 | 324.9 | 1.3 | 50.3 | 10.2 | 43. |
| 26.1 | 64.7 | 7045.3 | 425.0 | -17.7 | -26.4 | 243.6 | 14.0 | 12.6 | 6.2 | 326.3 | 329.8 | 1.0 | 46.6 | 11.3 | 45. |
| 27.4 | 67.9 | 7496.2 | 400.0 | -21.2 | -29.1 | 252.8 | 14.5 | 13.9 | 4.3 | 327.5 | 330.4 | 0.9 | 49.5 | 12.6 | 47. |
| 29.7 | 71.3 | 7969.8 | 375.0 | -24.8 | -30.8 | 248.3 | 16.4 | 15.3 | 6.1 | 328.7 | 331.5 | 0.9 | 57.5 | 13.9 | 50. |
| 30.3 | 74.7 | 8458.6 | 350.0 | -27.9 | -32.6 | 228.9 | 19.3 | 14.6 | 12.7 | 331.2 | 333.7 | 0.7 | 63.6 | 15.5 | 51. |
| 32.4 | 78.3 | 9096.6 | 325.0 | -32.3 | -37.5 | 223.5 | 19.6 | 13.5 | 14.3 | 332.2 | 333.9 | 0.5 | 59.2 | 17.6 | 52. |
| 34.3 | 82.0 | 9555.9 | 300.0 | -37.0 | -42.6 | 224.4 | 18.6 | 13.1 | 13.4 | 333.2 | 334.3 | 0.3 | 55.6 | 19.7 | 49. |
| 36.1 | 86.0 | 10150.8 | 275.0 | -42.4 | -49.9 | 224.0 | 19.1 | 13.3 | 13.7 | 333.9 | 999.9 | 99.9 | 999.9 | 21.9 | 49. |
| 38.5 | 90.2 | 10741.9 | 250.0 | -47.9 | -54.4 | 220.7 | 19.4 | 12.6 | 14.7 | 334.9 | 999.9 | 99.9 | 999.9 | 24.4 | 48. |
| 40.9 | 94.5 | 11473.3 | 225.0 | -54.4 | -59.9 | 216.3 | 21.3 | 12.6 | 17.1 | 335.1 | 999.9 | 99.9 | 999.9 | 27.3 | 47. |
| 43.4 | 99.2 | 12213.5 | 200.0 | -61.3 | -67.5 | 214.1 | 24.4 | 13.7 | 20.2 | 335.8 | 999.9 | 99.9 | 999.9 | 30.6 | 46. |
| 45.1 | 104.6 | 13070.8 | 175.0 | -67.5 | -74.9 | 231.2 | 26.9 | 21.0 | 16.8 | 336.5 | 999.9 | 99.9 | 999.9 | 34.8 | 45. |
| 49.5 | 110.2 | 13974.3 | 150.0 | -61.9 | -69.9 | 259.5 | 25.9 | 25.4 | 4.7 | 363.5 | 999.9 | 99.9 | 999.9 | 39.9 | 48. |
| 53.6 | 116.0 | 15098.2 | 125.0 | -63.4 | -69.9 | 271.1 | 22.6 | 22.6 | -0.4 | 380.3 | 999.9 | 99.9 | 999.9 | 44.8 | 53. |
| 58.4 | 123.7 | 16453.9 | 100.0 | -68.0 | -69.9 | 999.9 | 99.9 | 99.9 | 99.9 | 396.4 | 999.9 | 99.9 | 999.9 | 999.9 | 999. |
| 90.3 | 99.9 | 99.9 | 75.0 | -99.9 | -99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999. |
| 90.3 | 99.9 | 99.9 | 50.0 | -99.9 | -99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999. |
| 90.3 | 99.9 | 99.9 | 25.0 | -99.9 | -99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 5
COLLEGE STATION, TEXAS
20 APRIL 1979
507 GMT

| TIME MIN | CNCT | HEIGHT CM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DEG K | E POT T DEG K | MX RTO CM/KG | 3M PCT | RANGE KM | AZ DEG |
|-------------|-------|--------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|-----------------|-----------|-------------|-----------|
| 0.0 | 6.0 | 79.0 | 1005.1 | 23.6 | 19.9 | 60.0 | 4.0 | -3.5 | -2.0 | 293.3 | 331.3 | 14.8 | 95.0 | 0.0 | 0. |
| 0.1 | 6.4 | 123.3 | 1000.0 | 20.3 | 10.6 | 82.5 | 5.9 | -5.8 | -0.8 | 293.5 | 330.9 | 14.5 | 95.4 | 0.2 | 330. |
| 0.3 | 8.5 | 347.4 | 975.0 | 19.4 | 18.0 | 118.0 | 8.3 | -7.3 | 6.9 | 296.6 | 330.5 | 13.8 | 95.4 | 0.7 | 298. |
| 1.5 | 10.6 | 566.2 | 950.0 | 18.1 | 16.4 | 139.2 | 9.1 | -5.9 | 6.9 | 295.6 | 329.4 | 13.0 | 93.3 | 1.1 | 301. |
| 2.5 | 12.9 | 795.0 | 925.0 | 17.2 | 15.7 | 162.6 | 10.6 | -3.2 | 10.1 | 296.9 | 329.1 | 12.3 | 91.1 | 1.6 | 311. |
| 3.4 | 14.9 | 1029.5 | 900.0 | 17.4 | 12.4 | 175.1 | 9.4 | -0.8 | 9.3 | 299.5 | 326.7 | 10.1 | 72.4 | 2.1 | 321. |
| 4.2 | 17.1 | 1269.9 | 875.0 | 16.0 | 11.0 | 183.3 | 7.1 | 0.4 | 7.1 | 300.4 | 326.1 | 9.5 | 72.2 | 2.4 | 327. |
| 5.1 | 19.3 | 1516.2 | 850.0 | 14.2 | 9.7 | 193.3 | 7.1 | 1.6 | 6.9 | 301.1 | 325.5 | 9.0 | 74.4 | 2.7 | 332. |
| 6.3 | 21.5 | 1768.3 | 825.0 | 12.5 | 10.6 | 210.4 | 6.4 | 3.3 | 5.6 | 301.8 | 325.4 | 9.8 | 89.3 | 3.0 | 337. |
| 6.9 | 23.8 | 2326.7 | 800.0 | 12.0 | 8.2 | 229.5 | 6.9 | 5.3 | 4.5 | 303.9 | 327.6 | 8.6 | 85.7 | 3.1 | 343. |
| 8.3 | 26.2 | 2922.4 | 775.0 | 10.5 | 8.2 | 241.8 | 8.8 | 7.7 | 4.1 | 305.1 | 329.6 | 8.0 | 85.7 | 3.3 | 351. |
| 9.3 | 28.5 | 3565.1 | 750.0 | 7.9 | 6.2 | 256.8 | 9.1 | 8.8 | 2.1 | 305.1 | 327.4 | 8.0 | 89.3 | 3.5 | 0. |
| 10.3 | 30.9 | 4344.8 | 725.0 | 6.8 | 3.3 | 269.8 | 9.6 | 9.6 | 0.0 | 306.9 | 325.9 | 6.7 | 79.3 | 3.6 | 9. |
| 11.7 | 33.3 | 5132.9 | 700.0 | 4.5 | 2.0 | 279.2 | 10.6 | 10.5 | -1.7 | 307.5 | 325.6 | 6.3 | 79.3 | 3.7 | 19. |
| 12.0 | 35.7 | 5823.6 | 675.0 | 2.9 | -0.3 | 288.5 | 11.4 | 10.8 | -3.6 | 308.9 | 324.9 | 5.6 | 83.6 | 3.8 | 29. |
| 13.2 | 38.2 | 6533.4 | 650.0 | 0.6 | -2.4 | 295.2 | 10.6 | 9.6 | -4.5 | 309.7 | 324.1 | 4.9 | 79.8 | 3.9 | 41. |
| 14.4 | 40.9 | 7247.7 | 625.0 | -1.4 | -3.2 | 296.3 | 9.3 | 8.5 | -4.2 | 310.9 | 325.1 | 4.0 | 87.4 | 4.2 | 50. |
| 15.7 | 43.4 | 7972.7 | 600.0 | -2.4 | -6.3 | 292.8 | 10.8 | 10.0 | -4.2 | 313.4 | 325.3 | 3.0 | 74.6 | 4.6 | 59. |
| 16.1 | 46.1 | 8710.0 | 575.0 | -3.6 | -10.4 | 289.3 | 11.0 | 11.2 | -3.9 | 315.8 | 325.1 | 3.0 | 59.6 | 5.1 | 66. |
| 19.1 | 49.4 | 9560.9 | 550.0 | -4.9 | -12.4 | 283.2 | 10.1 | 9.9 | -2.3 | 318.2 | 326.6 | 2.7 | 56.0 | 5.7 | 72. |
| 19.3 | 51.6 | 9825.0 | 525.0 | -7.7 | -14.1 | 269.3 | 10.1 | 10.1 | 0.1 | 319.2 | 326.9 | 2.4 | 59.8 | 6.4 | 74. |
| 20.7 | 54.4 | 9802.5 | 500.0 | -11.0 | -16.1 | 268.2 | 11.9 | 11.7 | 2.0 | 319.6 | 326.5 | 2.2 | 66.0 | 7.3 | 76. |
| 22.2 | 57.3 | 6195.7 | 475.0 | -12.3 | -21.9 | 249.9 | 12.2 | 11.5 | 4.2 | 322.8 | 327.4 | 1.4 | 41.8 | 8.4 | 75. |
| 23.7 | 60.3 | 6507.7 | 450.0 | -14.3 | -27.2 | 253.2 | 12.2 | 11.7 | 3.5 | 325.2 | 328.3 | 0.9 | 32.4 | 9.4 | 75. |
| 25.2 | 63.4 | 7238.2 | 425.0 | -17.9 | -37.3 | 257.6 | 14.0 | 13.7 | 3.0 | 326.0 | 327.3 | 0.4 | 15.4 | 10.6 | 75. |
| 26.4 | 66.6 | 7888.6 | 400.0 | -21.4 | -44.4 | 248.2 | 15.6 | 14.5 | 5.8 | 327.1 | 327.8 | 0.2 | 10.5 | 12.2 | 75. |
| 28.5 | 69.9 | 7960.0 | 375.0 | -25.8 | -47.2 | 241.8 | 15.0 | 13.2 | 7.1 | 327.4 | 327.9 | 0.1 | 11.4 | 13.7 | 74. |
| 30.4 | 73.3 | 8957.1 | 350.0 | -29.8 | -51.0 | 241.8 | 15.0 | 13.2 | 7.1 | 329.9 | 330.3 | 0.1 | 9.7 | 15.3 | 72. |
| 32.4 | 76.9 | 9946.1 | 325.0 | -32.2 | -57.1 | 240.6 | 18.2 | 15.8 | 8.9 | 332.4 | 332.4 | 0.0 | 1.6 | 17.2 | 71. |
| 34.4 | 80.6 | 9543.4 | 300.0 | -37.3 | -63.1 | 239.3 | 16.5 | 13.6 | 9.4 | 332.9 | 333.0 | 0.0 | 4.8 | 19.3 | 70. |
| 36.7 | 84.5 | 10137.6 | 275.0 | -42.6 | -69.9 | 224.3 | 16.1 | 11.2 | 11.5 | 333.5 | 333.5 | 99.9 | 99.9 | 21.3 | 68. |
| 38.7 | 88.6 | 10773.6 | 250.0 | -47.9 | -99.9 | 212.1 | 16.3 | 8.6 | 13.8 | 334.9 | 334.9 | 99.9 | 99.9 | 23.1 | 65. |
| 40.9 | 92.9 | 11459.8 | 225.0 | -53.6 | -99.9 | 209.4 | 19.2 | 9.4 | 16.7 | 336.5 | 336.5 | 99.9 | 99.9 | 24.9 | 63. |
| 42.3 | 97.4 | 12204.6 | 200.0 | -60.9 | -99.9 | 197.9 | 20.2 | 6.2 | 19.2 | 336.3 | 336.3 | 99.9 | 99.9 | 26.7 | 59. |
| 46.1 | 102.6 | 13223.8 | 175.0 | -64.1 | -99.9 | 225.9 | 25.8 | 18.6 | 18.0 | 344.2 | 344.2 | 99.9 | 99.9 | 30.5 | 55. |
| 49.7 | 109.0 | 13973.4 | 150.0 | -61.7 | -99.9 | 255.9 | 26.5 | 25.7 | 6.4 | 343.9 | 343.9 | 99.9 | 99.9 | 36.4 | 56. |
| 50.1 | 114.3 | 15122.2 | 125.0 | -63.8 | -99.9 | 278.2 | 24.7 | 24.7 | -0.1 | 379.4 | 379.4 | 99.9 | 99.9 | 42.5 | 61. |
| 50.7 | 121.3 | 16462.7 | 100.0 | -66.5 | -99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 399.2 | 399.2 | 99.9 | 99.9 | 99.9 | 99.9. |
| 59.7 | 99.9 | 99.9 | 75.0 | -99.9 | -99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9. |
| 99.9 | 99.9 | 99.9 | 50.0 | -99.9 | -99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9. |
| 99.9 | 99.9 | 99.9 | 25.0 | -99.9 | -99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9. |

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
°° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 5
COLLEGE STATION, TEXAS
20 APRIL 1979
012 GMT

| TIME MIN | CHCT | WEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT Y DG K | MX RTD GM/KG | SH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|---------------|-----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 5.9 | 79.0 | 1005.4 | 20.0 | 18.3 | 0.0 | 0.0 | 0.0 | 0.0 | 292.7 | 327.0 | 13.3 | 90.0 | 0.0 | 0. |
| 0.2 | 6.4 | 123.7 | 1000.0 | 19.5 | 18.6 | 99.9 | 99.9 | 99.9 | 99.9 | 292.6 | 327.7 | 13.7 | 90.0 | 999.9 | 999. |
| 1.0 | 7.5 | 313.9 | 975.0 | 18.2 | 17.4 | 999.9 | 99.9 | 99.9 | 99.9 | 293.4 | 327.0 | 13.0 | 95.5 | 999.9 | 999. |
| 1.8 | 10.6 | 567.0 | 950.0 | 17.4 | 16.7 | 999.9 | 99.9 | 99.9 | 99.9 | 294.0 | 328.0 | 12.7 | 95.4 | 999.9 | 999. |
| 2.7 | 12.9 | 795.0 | 925.0 | 16.1 | 15.3 | 999.9 | 99.9 | 99.9 | 99.9 | 295.0 | 327.1 | 11.9 | 95.0 | 999.9 | 999. |
| 3.5 | 15.0 | 1020.6 | 900.0 | 16.5 | 14.1 | 999.9 | 99.9 | 99.9 | 99.9 | 298.5 | 328.7 | 11.3 | 85.5 | 1.4 | 0. |
| 4.5 | 17.2 | 1209.0 | 875.0 | 15.4 | 12.2 | 221.3 | 10.7 | 7.0 | 8.0 | 299.0 | 327.4 | 10.3 | 81.3 | 2.0 | 11. |
| 5.5 | 19.4 | 1514.9 | 850.0 | 13.9 | 12.5 | 245.1 | 9.0 | 8.1 | 3.8 | 300.7 | 329.9 | 10.8 | 91.4 | 2.4 | 19. |
| 6.4 | 21.6 | 1767.2 | 825.0 | 12.9 | 12.1 | 251.1 | 9.9 | 9.4 | 3.2 | 302.3 | 331.6 | 10.8 | 94.0 | 2.7 | 28. |
| 7.3 | 24.0 | 2025.9 | 800.0 | 11.6 | 10.8 | 239.7 | 10.0 | 8.6 | 5.0 | 303.6 | 331.5 | 10.2 | 96.5 | 3.2 | 33. |
| 7.9 | 26.3 | 2291.6 | 775.0 | 10.3 | 9.5 | 243.1 | 10.4 | 9.3 | 4.7 | 304.9 | 331.5 | 9.7 | 96.6 | 3.5 | 36. |
| 8.5 | 28.7 | 2554.2 | 750.0 | 7.9 | 7.2 | 262.9 | 8.3 | 8.2 | 1.0 | 305.2 | 328.9 | 8.5 | 94.7 | 3.9 | 39. |
| 9.3 | 31.1 | 2944.0 | 725.0 | 5.8 | 5.2 | 281.9 | 8.3 | 8.2 | -1.7 | 305.0 | 328.9 | 7.4 | 95.9 | 4.2 | 46. |
| 9.9 | 33.4 | 3131.4 | 700.0 | 4.8 | 4.2 | 289.6 | 9.5 | 8.9 | -3.2 | 307.0 | 328.9 | 6.8 | 96.4 | 4.3 | 51. |
| 10.5 | 36.0 | 3428.1 | 675.0 | 3.0 | 2.5 | 302.0 | 9.9 | 8.4 | -5.2 | 309.0 | 328.4 | 5.8 | 96.7 | 4.5 | 59. |
| 11.5 | 38.5 | 3732.4 | 650.0 | 0.3 | -0.2 | 305.3 | 10.7 | 8.7 | -6.2 | 309.3 | 326.1 | 5.8 | 97.1 | 5.0 | 68. |
| 12.4 | 41.1 | 4077.0 | 625.0 | -0.5 | -0.9 | 303.7 | 11.0 | 9.1 | -6.1 | 311.9 | 328.7 | 5.0 | 96.7 | 5.5 | 75. |
| 14.2 | 43.7 | 4371.0 | 600.0 | -2.7 | -3.4 | 308.3 | 9.1 | 7.1 | -5.6 | 313.0 | 327.7 | 4.7 | 97.2 | 6.1 | 83. |
| 16.2 | 46.4 | 4709.9 | 575.0 | -4.2 | -4.6 | 334.1 | 9.9 | 8.2 | -5.5 | 315.1 | 329.2 | 3.9 | 93.7 | 7.1 | 89. |
| 19.0 | 49.1 | 5053.8 | 550.0 | -7.0 | -7.9 | 290.0 | 10.4 | 9.8 | -3.6 | 315.9 | 327.5 | 1.9 | 56.4 | 8.1 | 90. |
| 19.6 | 51.0 | 5119.4 | 525.0 | -10.4 | -17.4 | 278.2 | 9.7 | 9.6 | -1.4 | 315.9 | 321.0 | 1.8 | 60.9 | 9.0 | 91. |
| 21.2 | 53.4 | 5724.3 | 500.0 | -12.4 | -18.4 | 270.3 | 10.3 | 10.3 | -1.0 | 317.9 | 323.6 | 1.7 | 65.2 | 10.0 | 92. |
| 22.3 | 55.8 | 6194.4 | 475.0 | -15.1 | -19.7 | 276.0 | 9.7 | 9.7 | -1.0 | 319.3 | 324.3 | 0.9 | 40.5 | 10.9 | 92. |
| 24.4 | 60.9 | 6591.6 | 450.0 | -17.5 | -27.7 | 291.1 | 7.0 | 6.5 | -2.5 | 321.3 | 324.3 | 0.8 | 45.9 | 11.6 | 93. |
| 26.5 | 63.9 | 7317.5 | 425.0 | -20.4 | -29.0 | 283.8 | 7.4 | 7.2 | -1.6 | 322.9 | 325.7 | 0.8 | 41.2 | 12.5 | 93. |
| 28.1 | 67.0 | 7462.9 | 400.0 | -24.4 | -33.7 | 273.3 | 9.8 | 9.8 | -0.6 | 323.3 | 325.2 | 0.5 | 26.3 | 13.7 | 93. |
| 30.1 | 70.4 | 7970.6 | 375.0 | -27.0 | -41.3 | 260.8 | 11.2 | 11.1 | 1.8 | 324.0 | 325.8 | 0.3 | 21.0 | 15.0 | 91. |
| 32.3 | 73.7 | 8433.4 | 350.0 | -32.5 | -47.0 | 248.7 | 13.2 | 12.3 | 4.8 | 327.4 | 328.2 | 0.2 | 1.0 | 16.6 | 85. |
| 34.3 | 77.3 | 8985.9 | 325.0 | -35.1 | -52.6 | 237.2 | 12.8 | 10.8 | 6.9 | 328.3 | 328.3 | 0.0 | 999.9 | 16.1 | 85. |
| 36.5 | 81.0 | 9498.2 | 300.0 | -39.3 | -59.9 | 231.2 | 14.4 | 11.2 | 9.0 | 330.0 | 329.9 | 99.9 | 999.9 | 19.9 | 81. |
| 38.4 | 84.9 | 10048.8 | 275.0 | -43.6 | -66.6 | 229.7 | 16.3 | 12.5 | 10.5 | 332.1 | 329.9 | 99.9 | 999.9 | 22.4 | 78. |
| 41.6 | 88.0 | 10722.1 | 250.0 | -48.8 | -72.6 | 240.3 | 16.6 | 14.4 | 8.2 | 333.5 | 329.9 | 99.9 | 999.9 | 25.3 | 76. |
| 44.9 | 93.3 | 11497.7 | 225.0 | -54.2 | -79.9 | 246.3 | 16.2 | 14.8 | 6.5 | 335.5 | 329.9 | 99.9 | 999.9 | 28.4 | 75. |
| 47.6 | 97.4 | 12152.1 | 200.0 | -60.4 | -86.6 | 243.6 | 19.0 | 17.0 | 8.4 | 341.7 | 329.9 | 99.9 | 999.9 | 31.8 | 74. |
| 50.5 | 103.0 | 12974.6 | 175.0 | -65.6 | -92.9 | 259.7 | 25.4 | 25.0 | 4.6 | 362.1 | 329.9 | 99.9 | 999.9 | 36.3 | 74. |
| 52.2 | 109.5 | 13717.8 | 150.0 | -62.7 | -99.9 | 264.9 | 26.9 | 26.0 | 2.4 | 380.3 | 329.9 | 99.9 | 999.9 | 43.9 | 75. |
| 54.3 | 116.5 | 15023.7 | 125.0 | -63.3 | -99.9 | 264.9 | 26.9 | 26.0 | 99.9 | 398.6 | 329.9 | 99.9 | 999.9 | 999.9 | 999. |
| 56.0 | 121.3 | 16400.1 | 100.0 | -66.8 | -99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 329.9 | 99.9 | 999.9 | 999.9 | 999. |
| 59.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 329.9 | 99.9 | 999.9 | 999.9 | 999. |
| 60.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 329.9 | 99.9 | 999.9 | 999.9 | 999. |
| 60.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 329.9 | 99.9 | 999.9 | 999.9 | 999. |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 9 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 99 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 5
COLLEGE STATION, TEXAS
28 APRIL 1979
1108 GMT

| TIME MIN | CATCT | WEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT Y DEG K | E POT Y DEG K | MX RTO CM/KG | RM PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|-----------------|-----------|-------------|-----------|
| 0-3 | 6-0 | 79-0 | 1004-1 | 19-4 | 18-6 | 0-0 | 0-0 | 0-0 | 0-0 | 292-2 | 327-0 | 13-6 | 95-0 | 0-0 | 0-0 |
| 0-4 | 6-4 | 114-5 | 1002-0 | 19-3 | 18-8 | 46-7 | 1-4 | -1-0 | -1-0 | 292-5 | 327-9 | 13-8 | 95-5 | 0-2 | 340- |
| 1-0 | 6-5 | 313-1 | 975-0 | 18-9 | 18-6 | 149-0 | 5-0 | -2-6 | 4-3 | 294-2 | 330-5 | 14-0 | 98-4 | 0-6 | 307- |
| 1-9 | 10-6 | 556-7 | 950-0 | 18-2 | 17-9 | 175-9 | 8-7 | -0-6 | 8-7 | 295-7 | 331-5 | 13-8 | 98-1 | 0-9 | 320- |
| 2-7 | 12-9 | 736-1 | 925-0 | 17-7 | 17-3 | 190-1 | 11-3 | 2-0 | 11-1 | 297-4 | 333-0 | 13-6 | 97-7 | 1-3 | 339- |
| 3-6 | 15-3 | 1200-9 | 902-0 | 16-3 | 16-0 | 194-7 | 11-1 | 2-8 | 10-8 | 298-3 | 332-4 | 12-9 | 98-2 | 1-9 | 349- |
| 4-6 | 17-3 | 1262-4 | 975-0 | 15-1 | 17-7 | 200-3 | 10-4 | 3-6 | 9-8 | 302-6 | 342-5 | 14-9 | 97-7 | 2-4 | 354- |
| 5-4 | 19-5 | 1538-9 | 853-0 | 13-7 | 12-5 | 206-8 | 10-1 | 4-5 | 9-0 | 300-6 | 329-7 | 10-8 | 92-4 | 2-9 | 0- |
| 6-4 | 21-9 | 1761-0 | 825-0 | 13-4 | 10-7 | 230-7 | 8-2 | 6-3 | 5-2 | 302-7 | 329-7 | 9-9 | 83-9 | 3-4 | 0- |
| 7-1 | 24-1 | 2220-2 | 800-0 | 12-2 | 9-3 | 243-2 | 7-6 | 6-6 | 3-0 | 304-1 | 323-5 | 9-2 | 82-4 | 3-6 | 11- |
| 8-3 | 26-4 | 2286-6 | 775-0 | 11-0 | 6-9 | 252-7 | 7-0 | 6-7 | 2-1 | 305-7 | 328-3 | 8-1 | 75-5 | 3-9 | 16- |
| 9-4 | 29-8 | 2559-7 | 750-0 | 9-5 | 3-0 | 265-2 | 6-6 | 6-6 | 0-5 | 308-9 | 324-9 | 6-3 | 63-6 | 4-1 | 22- |
| 10-5 | 31-2 | 2400-3 | 725-0 | 7-6 | 0-3 | 282-5 | 8-7 | 8-5 | -1-9 | 307-8 | 323-4 | 5-4 | 59-7 | 4-3 | 28- |
| 11-5 | 33-6 | 3129-1 | 700-0 | 6-3 | -2-1 | 286-7 | 11-0 | 10-5 | -3-1 | 309-5 | 323-3 | 4-7 | 55-1 | 4-5 | 36- |
| 12-4 | 36-1 | 3425-9 | 675-0 | 3-4 | -2-0 | 289-2 | 11-8 | 11-1 | -3-9 | 309-5 | 323-8 | 6-9 | 67-7 | 4-7 | 45- |
| 13-5 | 39-6 | 3731-3 | 650-0 | 0-9 | -3-1 | 294-9 | 12-1 | 11-0 | -5-1 | 310-0 | 323-8 | 4-7 | 74-6 | 5-2 | 53- |
| 14-3 | 41-2 | 4245-5 | 625-0 | -1-1 | -7-7 | 307-4 | 11-6 | 9-2 | -7-1 | 311-2 | 321-5 | 3-4 | 63-8 | 5-5 | 61- |
| 15-3 | 43-9 | 4370-1 | 600-0 | -3-3 | -13-3 | 306-0 | 11-8 | 9-5 | -6-9 | 312-3 | 319-4 | 2-3 | 66-0 | 5-9 | 69- |
| 16-3 | 46-6 | 4735-5 | 575-0 | -5-1 | -23-0 | 299-6 | 12-2 | 10-6 | -6-0 | 314-0 | 317-4 | 1-0 | 22-9 | 6-5 | 75- |
| 17-7 | 49-2 | 5253-6 | 550-0 | -7-0 | -17-6 | 302-4 | 11-4 | 9-6 | -6-1 | 315-8 | 321-3 | 1-7 | 42-8 | 7-1 | 80- |
| 18-7 | 52-0 | 5416-5 | 525-0 | -9-5 | -16-2 | 294-1 | 8-5 | 7-8 | -3-5 | 317-0 | 323-5 | 2-1 | 58-3 | 7-8 | 84- |
| 20-3 | 54-9 | 5790-7 | 500-0 | -11-7 | -17-9 | 292-0 | 6-9 | 6-9 | -1-5 | 318-0 | 324-7 | 1-9 | 59-8 | 8-3 | 86- |
| 21-3 | 57-8 | 6182-3 | 475-0 | -13-6 | -19-6 | 281-2 | 7-4 | 7-3 | -1-4 | 321-1 | 326-6 | 1-7 | 60-3 | 8-9 | 87- |
| 24-3 | 63-9 | 6591-6 | 450-0 | -16-3 | -25-6 | 281-2 | 6-9 | 6-8 | -1-3 | 322-8 | 326-6 | 1-2 | 45-5 | 9-5 | 88- |
| 25-9 | 63-9 | 7018-0 | 425-0 | -19-9 | -28-9 | 274-4 | 6-5 | 6-4 | -0-7 | 323-4 | 326-2 | 0-8 | 44-3 | 10-2 | 89- |
| 27-4 | 67-1 | 7465-1 | 400-0 | -23-0 | -29-6 | 268-4 | 5-1 | 4-8 | -1-6 | 324-0 | 326-6 | 0-8 | 44-3 | 10-7 | 89- |
| 29-3 | 70-4 | 7933-8 | 375-0 | -26-9 | -36-0 | 293-6 | 6-3 | 5-8 | -2-5 | 326-0 | 327-7 | 0-5 | 41-4 | 11-2 | 90- |
| 31-1 | 73-9 | 8427-9 | 350-0 | -30-8 | -38-4 | 283-3 | 12-7 | 12-3 | -2-9 | 327-3 | 329-0 | 0-5 | 53-2 | 12-1 | 92- |
| 33-9 | 77-4 | 8950-0 | 325-0 | -34-5 | -39-9 | 267-6 | 19-6 | 18-3 | 0-8 | 329-1 | 330-4 | 0-4 | 58-0 | 14-0 | 94- |
| 34-9 | 81-1 | 9504-3 | 300-0 | -39-1 | 99-9 | 264-2 | 18-3 | 18-3 | 1-8 | 330-3 | 999-9 | 99-9 | 999-9 | 16-3 | 91- |
| 36-0 | 85-0 | 10394-6 | 275-0 | -43-9 | 99-9 | 264-3 | 9-0 | 9-7 | 1-0 | 331-7 | 999-9 | 99-9 | 999-9 | 18-0 | 90- |
| 39-2 | 89-2 | 10727-5 | 250-0 | -49-3 | 99-9 | 234-3 | 8-8 | 7-2 | 5-0 | 332-8 | 999-9 | 99-9 | 999-9 | 18-9 | 89- |
| 41-5 | 93-5 | 11479-2 | 225-0 | -55-3 | 99-9 | 236-3 | 10-4 | 6-7 | 5-8 | 333-7 | 999-9 | 99-9 | 999-9 | 20-1 | 87- |
| 43-4 | 98-2 | 12149-0 | 200-0 | -62-5 | 99-9 | 232-1 | 16-5 | 13-0 | 10-1 | 333-9 | 999-9 | 99-9 | 999-9 | 21-3 | 85- |
| 46-2 | 103-2 | 12970-9 | 175-0 | -62-0 | 99-9 | 246-0 | 20-7 | 18-9 | 8-4 | 337-6 | 999-9 | 99-9 | 999-9 | 24-0 | 81- |
| 49-6 | 108-9 | 13923-8 | 150-0 | -62-2 | 99-9 | 265-8 | 20-8 | 20-7 | 1-5 | 342-9 | 999-9 | 99-9 | 999-9 | 28-2 | 81- |
| 53-0 | 116-9 | 15044-3 | 125-0 | -64-1 | 99-9 | 262-0 | 27-2 | 26-9 | 3-8 | 370-0 | 999-9 | 99-9 | 999-9 | 34-6 | 81- |
| 59-3 | 122-0 | 16414-1 | 100-0 | -65-8 | 99-9 | 999-9 | 99-9 | 99-9 | 99-9 | 400-6 | 999-9 | 99-9 | 999-9 | 999-9 | 999-9 |
| 99-0 | 99-9 | 99-9 | 75-0 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 999-9 | 999-9 |
| 99-3 | 99-9 | 99-9 | 50-0 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 999-9 | 999-9 |
| 99-7 | 99-9 | 99-9 | 25-0 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 999-9 | 999-9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 6
 CONCORDIA, KANSAS

 19 APRIL 1979
 1108 GMT

| TIME MID | CHCT | WEIGHT GPM | PRES MB | TEMP DEG C | DEV PT DEG C | DIR DEG | SPEED M/SEC | J COMP M/SEC | V COMP M/SEC | POT T DEG K | E POT T DEG K | W RTO CM/KG | RM PCY | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|----------------|-----------|-------------|-----------|
| 0.0 | 10.5 | 948.0 | 980.6 | 15.3 | 14.3 | 160.0 | 6.2 | -2.1 | 5.8 | 291.8 | 319.7 | 10.8 | 94.8 | 0.0 | 0. |
| 00.0 | 98.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.0 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.1 | 11.5 | 542.2 | 950.0 | 15.4 | 14.7 | 99.9 | 99.9 | 99.9 | 99.9 | 292.8 | 324.2 | 11.4 | 99.9 | 99.9 | 99.9 |
| 0.3 | 13.9 | 768.7 | 925.0 | 14.7 | 14.7 | 99.9 | 99.9 | 99.9 | 99.9 | 294.3 | 326.9 | 11.6 | 99.9 | 99.9 | 99.9 |
| 1.7 | 16.4 | 1001.2 | 900.0 | 14.4 | 14.4 | 99.9 | 99.9 | 99.9 | 99.9 | 296.4 | 329.9 | 11.8 | 99.9 | 99.9 | 99.9 |
| 2.7 | 18.9 | 1250.1 | 875.0 | 14.3 | 14.2 | 99.9 | 99.9 | 99.9 | 99.9 | 298.4 | 332.9 | 11.8 | 99.9 | 99.9 | 99.9 |
| 3.5 | 21.4 | 1495.5 | 850.0 | 14.4 | 14.3 | 99.9 | 99.9 | 99.9 | 99.9 | 300.2 | 335.8 | 11.4 | 99.9 | 99.9 | 99.9 |
| 4.5 | 23.9 | 1737.4 | 825.0 | 12.6 | 12.5 | 99.9 | 99.9 | 99.9 | 99.9 | 301.9 | 338.7 | 11.1 | 99.9 | 99.9 | 99.9 |
| 5.1 | 26.6 | 1996.9 | 800.0 | 12.8 | 12.7 | 99.9 | 99.9 | 99.9 | 99.9 | 304.8 | 341.7 | 11.7 | 99.9 | 99.9 | 99.9 |
| 6.1 | 29.1 | 2253.1 | 775.0 | 10.3 | 10.3 | 99.9 | 99.9 | 99.9 | 99.9 | 308.9 | 344.6 | 10.2 | 99.9 | 99.9 | 99.9 |
| 7.3 | 31.8 | 2516.2 | 750.0 | 9.1 | 9.0 | 99.9 | 99.9 | 99.9 | 99.9 | 313.3 | 347.5 | 9.7 | 99.9 | 99.9 | 99.9 |
| 8.1 | 34.5 | 2781.1 | 725.0 | 7.3 | 7.0 | 99.9 | 99.9 | 99.9 | 99.9 | 317.5 | 350.4 | 9.2 | 99.9 | 99.9 | 99.9 |
| 9.1 | 37.2 | 3050.9 | 700.0 | 6.7 | -1.6 | 99.9 | 99.9 | 99.9 | 99.9 | 321.1 | 353.3 | 8.9 | 99.9 | 99.9 | 99.9 |
| 10.1 | 40.0 | 3333.4 | 675.0 | 4.3 | -4.4 | 99.9 | 99.9 | 99.9 | 99.9 | 325.0 | 356.2 | 8.1 | 99.9 | 99.9 | 99.9 |
| 11.4 | 42.9 | 3629.4 | 650.0 | 1.4 | -8.5 | 230.1 | 15.3 | 11.7 | 9.9 | 328.6 | 359.1 | 7.1 | 99.9 | 99.9 | 99.9 |
| 12.5 | 45.9 | 3924.1 | 625.0 | -1.1 | -10.9 | 230.1 | 15.3 | 11.6 | 9.9 | 332.3 | 362.0 | 6.2 | 99.9 | 99.9 | 99.9 |
| 13.7 | 48.7 | 4218.1 | 600.0 | -4.2 | -16.3 | 227.7 | 16.3 | 12.1 | 11.0 | 336.1 | 364.9 | 5.7 | 99.9 | 99.9 | 99.9 |
| 15.3 | 51.6 | 4522.3 | 575.0 | -6.2 | -23.8 | 227.9 | 18.0 | 13.3 | 12.1 | 339.8 | 367.8 | 5.0 | 99.9 | 99.9 | 99.9 |
| 16.3 | 54.6 | 4829.2 | 550.0 | -7.7 | -31.8 | 235.2 | 11.9 | 9.7 | 6.8 | 343.5 | 370.7 | 4.1 | 99.9 | 99.9 | 99.9 |
| 17.5 | 57.8 | 5139.5 | 525.0 | -9.8 | -40.1 | 235.7 | 11.3 | 9.4 | 6.0 | 347.2 | 373.6 | 3.1 | 99.9 | 99.9 | 99.9 |
| 19.7 | 61.0 | 5453.3 | 500.0 | -13.1 | -48.2 | 239.1 | 11.6 | 9.9 | 6.0 | 350.9 | 376.5 | 2.7 | 99.9 | 99.9 | 99.9 |
| 20.3 | 64.1 | 5763.3 | 500.0 | -16.3 | -56.3 | 230.7 | 10.9 | 8.4 | 6.9 | 354.6 | 379.4 | 2.0 | 99.9 | 99.9 | 99.9 |
| 21.6 | 67.4 | 6076.7 | 450.0 | -18.5 | -64.7 | 227.7 | 8.2 | 6.1 | 5.5 | 358.3 | 382.3 | 1.0 | 99.9 | 99.9 | 99.9 |
| 23.7 | 71.0 | 6390.1 | 425.0 | -21.9 | -73.9 | 217.0 | 8.4 | 5.1 | 6.7 | 362.0 | 385.2 | 0.0 | 99.9 | 99.9 | 99.9 |
| 24.7 | 74.6 | 6702.8 | 400.0 | -25.9 | -82.5 | 211.4 | 10.5 | 5.5 | 9.0 | 365.7 | 388.1 | 0.0 | 99.9 | 99.9 | 99.9 |
| 26.3 | 78.3 | 7017.6 | 375.0 | -28.8 | -91.4 | 204.9 | 11.3 | 4.8 | 10.2 | 369.4 | 391.0 | 0.0 | 99.9 | 99.9 | 99.9 |
| 29.1 | 84.2 | 7378.6 | 350.0 | -33.3 | -101.3 | 212.6 | 10.2 | 5.5 | 8.6 | 373.1 | 393.9 | 0.0 | 99.9 | 99.9 | 99.9 |
| 30.1 | 87.7 | 7692.3 | 325.0 | -37.5 | -111.3 | 223.5 | 7.8 | 5.4 | 7.3 | 376.8 | 396.8 | 0.0 | 99.9 | 99.9 | 99.9 |
| 32.1 | 92.3 | 8006.1 | 300.0 | -42.1 | -121.3 | 225.8 | 10.5 | 7.5 | 7.3 | 380.5 | 399.7 | 0.0 | 99.9 | 99.9 | 99.9 |
| 34.1 | 96.7 | 8323.6 | 275.0 | -46.3 | -131.3 | 235.4 | 12.3 | 10.1 | 7.0 | 384.2 | 402.6 | 0.0 | 99.9 | 99.9 | 99.9 |
| 36.1 | 99.4 | 8649.5 | 250.0 | -51.3 | -141.3 | 243.6 | 13.3 | 12.0 | 5.9 | 387.9 | 405.5 | 0.0 | 99.9 | 99.9 | 99.9 |
| 38.7 | 103.4 | 8976.2 | 225.0 | -56.6 | -151.3 | 246.3 | 16.1 | 14.5 | 7.0 | 391.6 | 408.4 | 0.0 | 99.9 | 99.9 | 99.9 |
| 40.4 | 107.6 | 9304.6 | 200.0 | -61.5 | -161.3 | 240.7 | 17.3 | 15.1 | 8.5 | 395.3 | 411.3 | 0.0 | 99.9 | 99.9 | 99.9 |
| 43.5 | 115.5 | 9636.0 | 175.0 | -66.1 | -171.3 | 249.3 | 15.3 | 14.3 | 5.4 | 399.0 | 414.2 | 0.0 | 99.9 | 99.9 | 99.9 |
| 44.7 | 121.5 | 9967.2 | 150.0 | -61.3 | -181.3 | 264.9 | 19.4 | 19.3 | 1.7 | 402.7 | 417.1 | 0.0 | 99.9 | 99.9 | 99.9 |
| 46.7 | 126.9 | 10297.7 | 125.0 | -61.0 | -191.3 | 265.3 | 18.0 | 18.0 | 1.5 | 406.4 | 420.0 | 0.0 | 99.9 | 99.9 | 99.9 |
| 54.3 | 136.7 | 16345.7 | 100.0 | -62.9 | -201.3 | 99.9 | 99.9 | 99.9 | 99.9 | 410.1 | 422.9 | 0.0 | 99.9 | 99.9 | 99.9 |
| 59.3 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 414.0 | 425.8 | 0.0 | 99.9 | 99.9 | 99.9 |
| 99.7 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 417.9 | 428.7 | 0.0 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 421.8 | 431.6 | 0.0 | 99.9 | 99.9 | 99.9 |

 * BY SPEED MEANS ELEVATION ANGLE BETWEEN 4 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 6
CONCORDIA, KANSAS

10 APRIL 1979
1416 GMT

120 98.0

| TIME MIN | CHCT | WEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO CM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.3 | 9.9 | 448.0 | 960.6 | 16.2 | 14.9 | 140.0 | 7.7 | 4.9 | 5.9 | 292.7 | 321.7 | 11.2 | 92.0 | 0.0 | 0. |
| 99.7 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.7 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.4 | 10.7 | 542.7 | 950.0 | 15.0 | 15.4 | 999.9 | 99.9 | 99.9 | 99.9 | 293.2 | 323.6 | 11.7 | 97.4 | 999.9 | 999.9 |
| 1.4 | 13.0 | 769.3 | 925.0 | 14.3 | 14.1 | 999.9 | 99.9 | 99.9 | 99.9 | 293.9 | 322.7 | 11.0 | 93.1 | 999.9 | 999.9 |
| 2.4 | 15.4 | 1001.5 | 900.0 | 14.1 | 14.0 | 999.9 | 99.9 | 99.9 | 99.9 | 296.1 | 325.8 | 11.3 | 99.3 | 2.0 | 348. |
| 3.4 | 17.8 | 1240.3 | 875.0 | 14.4 | 14.4 | 293.1 | 20.2 | 7.9 | 10.6 | 298.8 | 330.4 | 11.9 | 99.5 | 3.2 | 359. |
| 4.4 | 20.2 | 1485.8 | 850.0 | 13.4 | 13.3 | 212.4 | 19.2 | 10.3 | 16.2 | 300.2 | 330.7 | 11.4 | 99.2 | 6.3 | 7. |
| 5.2 | 22.6 | 1737.4 | 825.0 | 11.0 | 11.5 | 213.6 | 10.4 | 10.2 | 15.3 | 301.0 | 329.2 | 10.4 | 98.2 | 5.1 | 12. |
| 6.3 | 25.1 | 1995.2 | 800.0 | 10.6 | 10.4 | 213.4 | 17.3 | 9.5 | 14.4 | 302.4 | 329.7 | 10.0 | 99.1 | 8.0 | 15. |
| 7.2 | 27.7 | 2260.3 | 775.0 | 12.6 | -24.4 | 211.6 | 14.5 | 7.6 | 12.4 | 307.4 | 311.7 | 1.4 | 13.8 | 7.0 | 18. |
| 8.3 | 30.2 | 2535.3 | 750.0 | 12.3 | -42.4 | 211.5 | 13.0 | 6.8 | 11.0 | 310.0 | 316.7 | 0.1 | 1.0 | 7.9 | 19. |
| 9.4 | 32.9 | 2817.5 | 725.0 | 9.9 | -34.0 | 207.6 | 12.6 | 5.6 | 11.2 | 310.3 | 311.4 | 0.3 | 3.8 | 8.0 | 20. |
| 10.5 | 35.4 | 3107.0 | 700.0 | 7.0 | -23.0 | 207.6 | 12.6 | 5.6 | 11.2 | 310.3 | 313.1 | 0.9 | 9.7 | 9.6 | 21. |
| 11.5 | 38.1 | 3404.1 | 675.0 | 4.2 | -17.2 | 206.9 | 15.2 | 6.9 | 13.5 | 310.3 | 316.9 | 1.5 | 19.3 | 10.7 | 21. |
| 12.7 | 40.4 | 3709.5 | 650.0 | 1.5 | -14.1 | 206.1 | 14.5 | 6.4 | 13.0 | 310.6 | 316.7 | 2.0 | 30.3 | 11.6 | 22. |
| 13.7 | 43.6 | 4023.7 | 625.0 | -1.4 | -16.2 | 209.6 | 15.7 | 7.7 | 13.6 | 310.9 | 316.4 | 1.8 | 32.0 | 12.8 | 22. |
| 14.5 | 46.4 | 4367.2 | 600.0 | -4.3 | -23.0 | 210.9 | 16.7 | 8.6 | 14.3 | 311.1 | 316.4 | 1.0 | 21.7 | 14.1 | 23. |
| 16.1 | 49.4 | 4680.7 | 575.0 | -7.2 | -24.6 | 214.7 | 17.2 | 9.6 | 14.0 | 311.5 | 314.5 | 0.9 | 10.0 | 15.4 | 24. |
| 18.2 | 52.3 | 5025.3 | 550.0 | -9.8 | -39.9 | 220.7 | 14.6 | 9.6 | 11.1 | 312.5 | 313.6 | 0.3 | 10.0 | 16.6 | 25. |
| 19.5 | 55.4 | 5383.7 | 525.0 | -10.9 | -56.0 | 223.1 | 14.6 | 10.0 | 10.6 | 315.4 | 315.5 | 0.0 | 1.0 | 17.7 | 26. |
| 20.9 | 59.4 | 5771.1 | 500.0 | -13.1 | -58.2 | 219.7 | 13.4 | 9.9 | 11.8 | 317.1 | 317.2 | 0.0 | 1.0 | 18.9 | 27. |
| 22.3 | 61.8 | 6145.0 | 475.0 | -16.6 | -60.5 | 226.5 | 12.9 | 9.3 | 8.9 | 317.4 | 317.5 | 0.0 | 1.0 | 20.0 | 28. |
| 24.2 | 65.1 | 6588.5 | 450.0 | -19.7 | -62.5 | 223.2 | 10.4 | 7.1 | 7.6 | 318.5 | 318.6 | 0.0 | 1.0 | 21.1 | 29. |
| 25.5 | 68.6 | 6970.0 | 425.0 | -23.3 | -64.8 | 213.7 | 10.4 | 5.8 | 8.7 | 319.2 | 319.2 | 0.0 | 1.0 | 22.0 | 29. |
| 27.1 | 72.0 | 7411.1 | 400.0 | -26.3 | -66.7 | 217.4 | 10.6 | 6.4 | 3.4 | 320.9 | 320.9 | 0.0 | 1.0 | 23.1 | 29. |
| 29.1 | 75.9 | 7874.4 | 375.0 | -30.0 | -69.2 | 227.5 | 10.1 | 7.4 | 6.8 | 321.9 | 321.9 | 0.0 | 1.0 | 24.1 | 30. |
| 31.7 | 79.7 | 8361.5 | 350.0 | -34.3 | -72.0 | 231.6 | 11.0 | 9.2 | 7.2 | 322.5 | 322.5 | 0.0 | 1.0 | 25.4 | 31. |
| 33.1 | 83.7 | 8975.6 | 325.0 | -38.6 | -74.8 | 228.9 | 11.9 | 9.0 | 7.0 | 323.5 | 323.6 | 0.0 | 1.0 | 26.8 | 32. |
| 35.5 | 87.7 | 9421.2 | 300.0 | -42.7 | 99.9 | 222.6 | 13.6 | 9.2 | 10.0 | 325.2 | 325.2 | 99.9 | 999.9 | 28.6 | 33. |
| 37.9 | 92.0 | 10033.7 | 275.0 | -46.2 | 99.9 | 230.7 | 13.1 | 10.1 | 8.3 | 328.3 | 328.3 | 99.9 | 999.9 | 30.4 | 34. |
| 40.5 | 96.6 | 10629.8 | 250.0 | -51.5 | 99.9 | 233.0 | 13.7 | 12.2 | 6.2 | 329.6 | 329.6 | 99.9 | 999.9 | 32.3 | 35. |
| 43.2 | 101.4 | 11335.7 | 225.0 | -57.0 | 99.9 | 243.6 | 14.5 | 13.0 | 6.4 | 331.2 | 331.2 | 99.9 | 999.9 | 34.3 | 37. |
| 46.2 | 106.6 | 12042.0 | 200.0 | -62.1 | 99.9 | 245.8 | 14.5 | 13.2 | 5.9 | 334.5 | 334.5 | 99.9 | 999.9 | 36.6 | 39. |
| 49.3 | 112.5 | 12846.9 | 175.0 | -62.0 | 99.9 | 241.6 | 14.2 | 12.5 | 6.8 | 347.6 | 347.6 | 99.9 | 999.9 | 39.3 | 41. |
| 52.3 | 118.8 | 13628.8 | 150.0 | -63.1 | 99.9 | 262.4 | 10.9 | 10.8 | 1.4 | 360.5 | 360.5 | 99.9 | 999.9 | 41.4 | 43. |
| 57.5 | 125.7 | 14959.5 | 125.0 | -61.3 | 99.9 | 268.3 | 13.9 | 13.9 | 0.4 | 384.0 | 384.0 | 99.9 | 999.9 | 44.3 | 45. |
| 62.9 | 133.5 | 16370.8 | 100.0 | -64.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 402.3 | 402.3 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.7 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 6
CONCORDIA, KANSAS

19 APRIL 1979
1705 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPED M/SEC | J COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|---------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 10.4 | 448.0 | 959.2 | 19.9 | 16.3 | 170.0 | 7.7 | -1.3 | 7.6 | 296.6 | 328.9 | 12.3 | 80.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.3 | 11.2 | 531.2 | 950.0 | 18.7 | 15.9 | 163.2 | 7.7 | -4.6 | 15.0 | 296.2 | 328.0 | 12.1 | 83.8 | 3.3 | 36.7 |
| 0.6 | 13.5 | 759.9 | 925.0 | 16.3 | 15.5 | 169.9 | 16.0 | -2.8 | 15.7 | 296.0 | 327.6 | 12.1 | 98.8 | 0.6 | 34.5 |
| 1.5 | 16.0 | 993.1 | 900.0 | 14.8 | 14.3 | 183.6 | 17.4 | 1.1 | 17.4 | 296.8 | 327.0 | 11.5 | 95.2 | 1.3 | 35.1 |
| 2.4 | 19.4 | 1232.4 | 875.0 | 14.6 | 14.0 | 201.8 | 18.6 | 6.9 | 17.3 | 299.0 | 329.9 | 11.6 | 95.0 | 2.2 | 35.9 |
| 3.7 | 20.8 | 1478.3 | 850.0 | 14.3 | 13.2 | 212.4 | 19.0 | 12.1 | 14.7 | 301.1 | 331.7 | 11.4 | 93.4 | 3.1 | 9. |
| 4.2 | 23.3 | 1730.8 | 825.0 | 13.1 | 12.2 | 222.2 | 19.6 | 13.1 | 14.5 | 302.5 | 332.0 | 10.9 | 94.0 | 4.1 | 18. |
| 5.1 | 25.9 | 1959.8 | 800.0 | 11.8 | 11.0 | 225.8 | 17.4 | 12.5 | 12.1 | 303.7 | 332.1 | 10.4 | 98.8 | 5.0 | 23. |
| 6.4 | 28.4 | 2254.7 | 775.0 | 9.9 | -6.5 | 211.4 | 14.7 | 7.7 | 12.5 | 304.4 | 313.5 | 3.1 | 31.6 | 6.1 | 27. |
| 7.6 | 30.9 | 2577.8 | 750.0 | 12.1 | -20.6 | 199.8 | 15.8 | 5.3 | 14.9 | 309.7 | 312.9 | 1.0 | 8.5 | 7.2 | 26. |
| 8.6 | 33.6 | 2810.6 | 725.0 | 10.4 | -22.3 | 202.7 | 15.6 | 5.9 | 14.5 | 310.9 | 313.7 | 0.9 | 8.0 | 8.1 | 25. |
| 9.7 | 36.2 | 3100.9 | 700.0 | 7.9 | -21.6 | 206.3 | 16.3 | 7.2 | 14.6 | 311.2 | 314.3 | 1.0 | 10.2 | 9.2 | 25. |
| 10.4 | 39.9 | 3328.9 | 675.0 | 5.1 | -22.0 | 210.2 | 15.4 | 7.8 | 13.3 | 311.3 | 314.5 | 1.0 | 11.9 | 10.2 | 25. |
| 12.0 | 41.7 | 3705.1 | 650.0 | 2.2 | -19.2 | 211.7 | 14.4 | 7.6 | 12.3 | 311.5 | 315.6 | 1.3 | 18.7 | 11.3 | 26. |
| 13.3 | 44.6 | 4019.8 | 625.0 | -0.9 | -22.2 | 214.0 | 14.2 | 7.9 | 11.7 | 311.4 | 314.7 | 1.0 | 18.1 | 12.4 | 27. |
| 14.7 | 47.4 | 4343.8 | 600.0 | -3.8 | -27.3 | 208.8 | 16.0 | 7.7 | 14.0 | 311.7 | 314.0 | 0.7 | 14.1 | 13.6 | 27. |
| 16.1 | 50.4 | 4679.4 | 575.0 | -5.7 | -43.3 | 206.7 | 16.0 | 7.2 | 14.3 | 313.4 | 313.9 | 0.1 | 3.3 | 15.1 | 27. |
| 17.5 | 53.4 | 5025.4 | 550.0 | -7.6 | -54.7 | 215.3 | 15.4 | 8.9 | 12.6 | 315.0 | 315.2 | 0.0 | 1.0 | 16.4 | 27. |
| 19.4 | 56.4 | 5385.9 | 525.0 | -9.9 | -56.2 | 223.1 | 13.0 | 9.2 | 9.2 | 316.5 | 316.6 | 0.0 | 1.0 | 17.5 | 28. |
| 20.3 | 59.5 | 5760.0 | 500.0 | -12.9 | -58.1 | 224.3 | 14.8 | 10.3 | 10.6 | 317.3 | 317.4 | 0.0 | 1.0 | 18.6 | 29. |
| 21.6 | 62.9 | 6148.5 | 475.0 | -15.9 | -60.0 | 224.2 | 15.0 | 10.4 | 10.7 | 318.3 | 318.4 | 0.0 | 1.0 | 19.7 | 30. |
| 23.2 | 65.1 | 6552.9 | 450.0 | -19.4 | -62.3 | 222.5 | 14.0 | 9.5 | 10.4 | 318.8 | 318.9 | 0.0 | 1.0 | 21.0 | 31. |
| 24.9 | 67.6 | 6974.9 | 425.0 | -22.7 | -64.4 | 218.3 | 14.0 | 8.7 | 11.0 | 319.9 | 319.9 | 0.0 | 1.0 | 22.5 | 32. |
| 26.7 | 73.0 | 7417.1 | 400.0 | -25.5 | -66.2 | 223.9 | 14.3 | 9.9 | 10.3 | 321.9 | 322.0 | 0.0 | 1.0 | 24.0 | 32. |
| 29.5 | 76.7 | 7892.5 | 175.0 | -28.5 | -68.2 | 231.1 | 15.9 | 12.4 | 10.0 | 323.9 | 323.9 | 0.0 | 1.0 | 25.5 | 33. |
| 30.2 | 80.5 | 8373.1 | 350.0 | -32.3 | -70.7 | 231.2 | 13.0 | 10.1 | 8.1 | 325.2 | 325.3 | 0.0 | 1.0 | 26.9 | 34. |
| 32.1 | 84.5 | 8921.2 | 325.0 | -37.0 | -73.8 | 227.9 | 13.7 | 10.1 | 9.2 | 325.8 | 325.8 | 0.0 | 1.0 | 28.4 | 35. |
| 34.7 | 88.6 | 9479.9 | 300.0 | -41.4 | -79.9 | 220.7 | 11.9 | 7.8 | 9.0 | 327.1 | 999.9 | 99.9 | 99.9 | 30.0 | 36. |
| 36.7 | 93.0 | 10075.5 | 275.0 | -45.9 | -85.9 | 214.3 | 10.2 | 5.8 | 8.5 | 328.7 | 999.9 | 99.9 | 99.9 | 31.4 | 36. |
| 38.2 | 97.4 | 10533.0 | 250.0 | -51.2 | -99.9 | 222.2 | 12.5 | 8.4 | 9.3 | 330.0 | 999.9 | 99.9 | 99.9 | 37.6 | 36. |
| 40.7 | 102.4 | 11133.1 | 225.0 | -54.5 | -99.9 | 232.9 | 13.6 | 10.8 | 8.2 | 332.0 | 999.9 | 99.9 | 99.9 | 38.7 | 36. |
| 43.5 | 107.6 | 12000.0 | 200.0 | -61.2 | -99.9 | 236.9 | 12.8 | 10.7 | 7.0 | 335.9 | 999.9 | 99.9 | 99.9 | 38.6 | 37. |
| 46.5 | 113.5 | 12833.8 | 175.0 | -62.4 | -99.9 | 232.5 | 11.4 | 9.1 | 6.9 | 337.0 | 999.9 | 99.9 | 99.9 | 40.9 | 39. |
| 49.9 | 119.4 | 13452.6 | 150.0 | -54.7 | -99.9 | 248.7 | 12.3 | 11.5 | 4.5 | 369.0 | 999.9 | 99.9 | 99.9 | 43.6 | 42. |
| 53.7 | 126.9 | 14986.4 | 125.0 | -61.3 | -99.9 | 266.1 | 13.4 | 13.4 | 0.9 | 384.0 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 100.0 | -99.9 | -99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 75.0 | -99.9 | -99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 50.0 | -99.9 | -99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | -99.9 | -99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 6
CONCORDIA, KANSAS

19 APRIL 1979
2008 GMT

125 104. 0

| TIME MIN | CHCT | HEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DEG K | E POT T DEG K | MX RTD CM/KG | RH PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|-----------------|-----------|-------------|-----------|
| 0.3 | 10.5 | 448.0 | 959.0 | 21.4 | 10.6 | 170.0 | 8.8 | -1.5 | 6.7 | 298.1 | 331.1 | 12.5 | 74.0 | 0.0 | 0. |
| 0.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.2 | 11.4 | 530.0 | 950.0 | 20.7 | 17.9 | 168.6 | 10.2 | -2.0 | 10.0 | 298.2 | 336.4 | 13.8 | 81.1 | 0.3 | 138. |
| 1.1 | 13.7 | 760.4 | 925.0 | 18.3 | 17.2 | 170.6 | 11.5 | -1.9 | 11.4 | 298.1 | 333.6 | 13.5 | 93.0 | 0.7 | 344. |
| 2.0 | 16.2 | 935.5 | 900.0 | 16.7 | 15.6 | 177.8 | 14.0 | -0.5 | 14.0 | 298.7 | 332.4 | 12.7 | 94.6 | 1.4 | 348. |
| 2.9 | 18.7 | 1235.9 | 875.0 | 15.2 | 14.5 | 187.3 | 13.3 | 1.7 | 13.2 | 299.6 | 331.5 | 12.0 | 95.4 | 2.2 | 353. |
| 3.9 | 21.2 | 1491.8 | 850.0 | 14.0 | 13.3 | 197.4 | 12.8 | 3.8 | 12.2 | 300.8 | 331.4 | 11.4 | 95.7 | 2.8 | 356. |
| 4.7 | 23.7 | 1733.9 | 825.0 | 12.5 | 11.8 | 205.6 | 14.9 | 6.5 | 13.5 | 301.8 | 330.5 | 10.6 | 95.2 | 3.5 | 2. |
| 5.5 | 26.3 | 1991.9 | 800.0 | 11.6 | -17.5 | 217.3 | 14.8 | 9.0 | 11.8 | 303.6 | 329.3 | 1.9 | 19.6 | 4.2 | 8. |
| 6.6 | 28.9 | 2258.7 | 775.0 | 14.1 | -41.3 | 221.3 | 13.8 | 9.1 | 10.3 | 309.0 | 309.4 | 0.1 | 1.0 | 4.9 | 13. |
| 7.6 | 31.6 | 2534.0 | 750.0 | 12.5 | -42.3 | 219.6 | 14.5 | 9.2 | 11.2 | 310.1 | 310.6 | 0.1 | 1.0 | 5.7 | 18. |
| 8.7 | 34.2 | 2816.9 | 725.0 | 11.0 | -43.2 | 214.1 | 14.8 | 8.3 | 12.3 | 311.5 | 311.9 | 0.1 | 1.0 | 6.6 | 20. |
| 9.8 | 37.0 | 3107.4 | 700.0 | 9.3 | -44.8 | 210.7 | 14.9 | 7.6 | 12.8 | 311.7 | 312.0 | 0.1 | 1.0 | 7.6 | 22. |
| 10.9 | 39.8 | 3405.0 | 675.0 | 5.7 | -43.4 | 207.7 | 16.0 | 7.4 | 14.2 | 312.0 | 313.1 | 0.3 | 3.9 | 8.6 | 23. |
| 12.0 | 42.6 | 3712.6 | 650.0 | 2.9 | -48.1 | 207.9 | 16.0 | 7.5 | 14.1 | 312.2 | 314.2 | 0.6 | 8.1 | 9.7 | 23. |
| 13.2 | 45.4 | 4028.2 | 625.0 | -0.0 | -53.8 | 213.5 | 16.1 | 8.9 | 13.4 | 312.4 | 314.9 | 0.7 | 12.2 | 10.8 | 24. |
| 14.3 | 48.4 | 4352.9 | 600.0 | -3.3 | -59.4 | 221.9 | 15.6 | 10.4 | 11.6 | 312.3 | 314.2 | 0.6 | 11.1 | 11.9 | 25. |
| 15.5 | 51.4 | 4687.7 | 575.0 | -5.9 | -65.6 | 230.8 | 14.6 | 11.3 | 9.2 | 313.1 | 315.5 | 0.1 | 2.9 | 12.9 | 27. |
| 16.9 | 54.4 | 5014.7 | 550.0 | -7.1 | -64.4 | 224.8 | 13.4 | 9.4 | 9.5 | 315.7 | 315.9 | 0.0 | 1.0 | 14.0 | 29. |
| 18.4 | 57.5 | 5396.0 | 525.0 | -9.1 | -55.7 | 222.0 | 13.7 | 9.2 | 10.2 | 317.5 | 317.6 | 0.0 | 1.0 | 15.1 | 30. |
| 20.0 | 60.4 | 5771.1 | 500.0 | -12.2 | -57.6 | 225.0 | 14.9 | 10.5 | 10.6 | 318.2 | 318.3 | 0.0 | 1.0 | 16.5 | 31. |
| 21.5 | 63.0 | 6160.5 | 475.0 | -15.4 | -59.7 | 225.7 | 13.0 | 9.3 | 9.1 | 319.0 | 319.1 | 0.0 | 1.0 | 17.7 | 32. |
| 22.9 | 67.4 | 6566.6 | 450.0 | -18.5 | -61.7 | 231.5 | 13.8 | 10.8 | 8.6 | 320.0 | 320.1 | 0.0 | 1.0 | 18.8 | 33. |
| 24.4 | 70.7 | 6999.9 | 425.0 | -21.8 | -63.8 | 235.3 | 13.1 | 10.8 | 7.5 | 321.1 | 321.1 | 0.0 | 1.0 | 19.8 | 34. |
| 26.0 | 74.4 | 7433.9 | 400.0 | -25.0 | -65.9 | 233.6 | 15.2 | 12.2 | 9.0 | 322.6 | 322.6 | 0.0 | 1.0 | 21.1 | 35. |
| 27.5 | 78.0 | 7899.4 | 375.0 | -28.4 | -68.1 | 230.5 | 14.4 | 11.1 | 9.1 | 324.1 | 324.1 | 0.0 | 1.0 | 22.5 | 36. |
| 29.4 | 81.9 | 8390.5 | 350.0 | -31.9 | -70.4 | 222.9 | 12.8 | 8.7 | 9.4 | 325.7 | 325.7 | 0.0 | 1.0 | 24.0 | 37. |
| 31.4 | 85.8 | 8939.4 | 325.0 | -36.1 | -73.2 | 222.9 | 12.2 | 8.3 | 8.9 | 326.9 | 326.9 | 0.0 | 1.0 | 25.4 | 37. |
| 33.5 | 90.0 | 9468.1 | 300.0 | -40.3 | -75.9 | 217.9 | 14.5 | 8.9 | 11.4 | 328.6 | 328.6 | 99.9 | 99.9 | 27.0 | 38. |
| 35.7 | 94.3 | 10048.1 | 275.0 | -44.9 | -79.9 | 216.5 | 13.1 | 7.8 | 10.6 | 330.3 | 330.3 | 99.9 | 99.9 | 28.9 | 38. |
| 38.0 | 99.0 | 10617.7 | 250.0 | -50.2 | -83.9 | 221.2 | 13.3 | 8.1 | 10.0 | 331.4 | 331.4 | 99.9 | 99.9 | 30.6 | 38. |
| 40.7 | 103.8 | 11357.7 | 225.0 | -56.0 | -89.9 | 226.3 | 14.3 | 10.4 | 9.9 | 332.7 | 332.7 | 99.9 | 99.9 | 32.8 | 38. |
| 43.6 | 109.0 | 12098.1 | 200.0 | -60.6 | -99.9 | 230.4 | 15.7 | 12.1 | 10.0 | 336.9 | 336.9 | 99.9 | 99.9 | 35.4 | 39. |
| 46.6 | 114.8 | 12923.0 | 175.0 | -62.8 | -99.9 | 224.3 | 14.1 | 9.9 | 10.1 | 346.2 | 346.2 | 99.9 | 99.9 | 38.2 | 40. |
| 49.3 | 120.8 | 13891.8 | 150.0 | -57.9 | -99.9 | 234.2 | 12.1 | 10.1 | 6.7 | 370.4 | 370.4 | 99.9 | 99.9 | 40.5 | 40. |
| 54.0 | 127.7 | 15030.9 | 125.0 | -59.2 | -92.9 | 999.5 | 99.9 | 99.9 | 99.9 | 387.8 | 387.8 | 99.9 | 99.9 | 43.8 | 42. |
| 99.9 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INT-ROLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 6
CONCORDIA, KANSAS

19 APRIL 1979
2300 GMT

125 104. 0

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 10.7 | 448.0 | 957.1 | 22.3 | 16.6 | 140.0 | 10.3 | -6.6 | 7.9 | 299.2 | 332.4 | 12.5 | 70.0 | 0.0 | 0. |
| 0.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.9 | 99.9 | 79.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.2 | 11.4 | 513.0 | 950.0 | 21.9 | 18.1 | 161.0 | 16.9 | -5.5 | 16.0 | 299.4 | 335.2 | 13.9 | 79.3 | 3.2 | 32.6 |
| 0.9 | 13.7 | 744.5 | 925.0 | 19.4 | 17.7 | 161.1 | 14.3 | -4.6 | 13.5 | 299.2 | 336.1 | 14.0 | 89.5 | 0.6 | 33.6 |
| 1.9 | 16.2 | 990.2 | 900.0 | 17.3 | 16.8 | 166.4 | 13.4 | -3.2 | 13.0 | 299.4 | 335.2 | 13.5 | 96.7 | 1.2 | 33.9 |
| 2.6 | 18.6 | 1221.0 | 975.0 | 15.6 | 15.1 | 176.2 | 15.2 | -1.0 | 15.2 | 300.0 | 333.3 | 12.5 | 97.0 | 2.0 | 34.4 |
| 3.6 | 21.9 | 1367.5 | 950.0 | 15.0 | 12.7 | 180.5 | 14.8 | 0.1 | 14.8 | 301.9 | 331.5 | 11.0 | 85.9 | 2.9 | 34.4 |
| 4.4 | 23.5 | 1711.4 | 875.0 | 14.5 | 13.6 | 193.8 | 12.3 | 2.9 | 11.9 | 304.0 | 336.7 | 12.0 | 94.3 | 3.6 | 35.2 |
| 5.5 | 26.0 | 1982.8 | 800.0 | 16.9 | -11.8 | 203.8 | 12.2 | 4.9 | 11.1 | 309.1 | 315.1 | 1.9 | 12.9 | 4.2 | 35.7 |
| 6.5 | 28.5 | 2252.2 | 775.0 | 15.0 | -10.6 | 204.6 | 12.9 | 5.3 | 11.7 | 310.0 | 316.8 | 2.2 | 16.2 | 4.9 | 1. |
| 7.5 | 31.1 | 2528.3 | 750.0 | 12.8 | -7.5 | 206.1 | 14.4 | 6.4 | 13.0 | 310.5 | 319.3 | 2.9 | 23.5 | 5.2 | 4. |
| 8.4 | 33.5 | 2411.6 | 725.0 | 15.7 | -20.1 | 204.3 | 13.5 | 5.5 | 12.3 | 311.2 | 314.6 | 1.1 | 9.6 | 6.5 | 7. |
| 9.7 | 36.4 | 3102.4 | 700.0 | 9.1 | -21.0 | 199.3 | 12.8 | 4.2 | 12.1 | 311.5 | 314.8 | 1.0 | 10.7 | 7.3 | 9. |
| 10.9 | 39.1 | 3400.7 | 675.0 | 5.5 | -15.8 | 202.9 | 11.9 | 4.6 | 11.0 | 311.8 | 317.0 | 1.7 | 19.8 | 9.1 | 13. |
| 12.0 | 41.9 | 3707.6 | 650.0 | 2.8 | -11.5 | 215.8 | 11.8 | 6.9 | 9.6 | 312.2 | 319.6 | 2.4 | 33.6 | 9.0 | 12. |
| 13.1 | 44.7 | 4023.5 | 625.0 | -0.0 | -10.7 | 229.2 | 10.4 | 7.9 | 6.8 | 312.5 | 320.7 | 2.7 | 44.2 | 9.7 | 14. |
| 14.6 | 47.6 | 4344.7 | 600.0 | -3.1 | -11.8 | 235.5 | 9.8 | 8.1 | 5.6 | 312.6 | 320.5 | 2.6 | 50.6 | 10.3 | 17. |
| 15.7 | 50.5 | 4643.7 | 575.0 | -6.3 | -18.6 | 228.3 | 9.9 | 7.4 | 6.6 | 312.6 | 317.6 | 1.6 | 39.1 | 10.9 | 19. |
| 17.2 | 53.5 | 5029.7 | 550.0 | -8.5 | -55.3 | 219.9 | 11.7 | 6.8 | 9.4 | 314.0 | 314.1 | 0.0 | 1.0 | 11.7 | 21. |
| 18.4 | 56.6 | 5388.9 | 525.0 | -13.4 | -56.5 | 222.6 | 11.8 | 8.0 | 8.7 | 316.0 | 316.1 | 0.0 | 1.0 | 12.7 | 22. |
| 20.2 | 59.8 | 5763.4 | 500.0 | -12.2 | -57.6 | 226.3 | 11.3 | 8.2 | 7.8 | 318.2 | 318.3 | 0.0 | 1.0 | 13.7 | 26. |
| 21.9 | 63.3 | 6152.9 | 475.0 | -14.9 | -59.4 | 226.4 | 11.2 | 8.2 | 7.7 | 319.5 | 319.6 | 0.0 | 1.0 | 14.7 | 26. |
| 23.3 | 66.3 | 6562.3 | 450.0 | -17.1 | -60.4 | 233.1 | 12.6 | 10.0 | 7.5 | 321.8 | 321.8 | 0.0 | 1.0 | 15.7 | 27. |
| 24.1 | 69.7 | 6989.7 | 425.0 | -20.0 | -62.7 | 241.1 | 14.4 | 12.6 | 7.0 | 323.3 | 323.4 | 0.0 | 1.0 | 16.9 | 30. |
| 25.7 | 73.3 | 7432.3 | 400.0 | -24.3 | -65.5 | 242.1 | 14.6 | 13.0 | 6.7 | 323.4 | 323.4 | 0.0 | 1.0 | 18.2 | 32. |
| 28.4 | 76.7 | 7908.5 | 375.0 | -28.4 | -68.1 | 237.8 | 15.3 | 12.9 | 8.1 | 324.0 | 324.1 | 0.0 | 1.0 | 19.5 | 34. |
| 30.2 | 80.7 | 8390.2 | 350.0 | -31.8 | -70.3 | 234.5 | 18.7 | 15.2 | 10.8 | 325.9 | 326.0 | 0.0 | 1.0 | 21.1 | 36. |
| 32.1 | 84.7 | 8910.0 | 325.0 | -35.8 | -73.0 | 234.9 | 19.9 | 16.3 | 11.4 | 327.3 | 327.4 | 0.0 | 1.0 | 23.4 | 38. |
| 34.6 | 89.8 | 9461.3 | 300.0 | -40.0 | -98.9 | 231.0 | 19.1 | 14.9 | 12.0 | 329.0 | 999.9 | 99.9 | 999.9 | 26.1 | 39. |
| 36.5 | 93.2 | 10349.3 | 275.0 | -45.0 | 99.9 | 229.5 | 21.1 | 16.1 | 13.7 | 330.1 | 999.9 | 99.9 | 999.9 | 28.8 | 40. |
| 39.2 | 98.0 | 10478.9 | 250.0 | -50.4 | 99.9 | 233.4 | 22.0 | 17.7 | 13.1 | 331.2 | 999.9 | 99.9 | 999.9 | 31.7 | 41. |
| 41.9 | 102.9 | 11359.2 | 225.0 | -55.1 | 99.9 | 239.8 | 24.9 | 21.6 | 12.6 | 334.1 | 999.9 | 99.9 | 999.9 | 35.4 | 43. |
| 45.1 | 109.2 | 12102.4 | 200.0 | -60.2 | 99.9 | 240.0 | 27.4 | 23.8 | 13.7 | 337.5 | 999.9 | 99.9 | 999.9 | 40.3 | 45. |
| 48.4 | 114.0 | 12728.6 | 175.0 | -63.4 | 99.9 | 247.1 | 19.0 | 17.5 | 7.4 | 345.4 | 999.9 | 99.9 | 999.9 | 44.9 | 47. |
| 52.2 | 120.3 | 13674.8 | 150.0 | -60.4 | 99.9 | 250.0 | 14.0 | 13.2 | 4.8 | 366.0 | 999.9 | 99.9 | 999.9 | 48.3 | 48. |
| 56.9 | 127.3 | 15015.3 | 125.0 | -60.6 | 99.9 | 273.2 | 12.8 | 12.8 | -0.7 | 385.3 | 999.9 | 99.9 | 999.9 | 51.3 | 51. |
| 59.7 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |

0 MY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 MY TEMP MEANS TEMPERATURE IN TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 6
CONCORDIA, KANSAS

20 APRIL 1979
205 GMT

120 99. 0

| TIME MIN | CNTCT | WEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO G/MKG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.3 | 11.0 | 448.0 | 956.2 | 19.6 | 15.7 | 160.0 | 9.3 | 0.0 | 9.3 | 296.5 | 327.6 | 11.8 | 78.0 | 0.0 | 0. |
| 99.3 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.3 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.2 | 11.6 | 504.3 | 950.0 | 19.6 | 16.3 | 170.6 | 13.5 | -2.2 | 13.4 | 297.1 | 329.7 | 99.9 | 81.3 | 0.2 | 146. |
| 1.3 | 14.0 | 734.0 | 925.0 | 19.1 | 16.0 | 168.8 | 19.0 | -3.7 | 18.6 | 297.8 | 330.8 | 12.5 | 87.7 | 0.7 | 342. |
| 1.3 | 16.4 | 969.2 | 900.0 | 17.1 | 15.7 | 160.0 | 21.0 | -0.0 | 21.0 | 299.1 | 332.6 | 12.6 | 91.7 | 1.8 | 349. |
| 2.7 | 19.9 | 1209.7 | 875.0 | 15.3 | 14.5 | 187.8 | 20.4 | 2.8 | 20.2 | 299.7 | 331.7 | 12.0 | 95.0 | 2.8 | 355. |
| 3.5 | 21.4 | 1455.7 | 850.0 | 14.0 | 13.2 | 199.6 | 20.2 | 6.8 | 19.0 | 300.8 | 331.3 | 11.4 | 95.3 | 3.8 | 359. |
| 4.0 | 23.9 | 1708.0 | 825.0 | 13.1 | 10.7 | 218.3 | 19.0 | 11.8 | 14.9 | 302.5 | 329.4 | 9.9 | 85.1 | 4.7 | 6. |
| 5.2 | 26.4 | 1967.4 | 800.0 | 12.9 | -4.4 | 222.0 | 17.1 | 11.4 | 12.7 | 305.0 | 316.5 | 4.0 | 30.5 | 5.5 | 12. |
| 6.1 | 29.0 | 2233.7 | 775.0 | 12.9 | -16.1 | 211.1 | 16.8 | 8.7 | 14.4 | 307.7 | 312.1 | 1.4 | 11.7 | 6.3 | 15. |
| 7.3 | 31.4 | 2508.1 | 750.0 | 11.2 | -13.2 | 203.0 | 17.4 | 6.8 | 16.1 | 308.7 | 314.4 | 1.8 | 16.7 | 7.1 | 16. |
| 7.3 | 34.2 | 2789.8 | 725.0 | 9.3 | -10.9 | 195.2 | 16.3 | 4.3 | 15.8 | 309.6 | 316.7 | 2.3 | 22.7 | 8.1 | 17. |
| 8.9 | 36.9 | 3379.2 | 700.0 | 7.1 | -17.2 | 188.3 | 16.0 | 2.3 | 15.0 | 310.4 | 314.8 | 1.4 | 15.6 | 8.9 | 16. |
| 9.7 | 39.6 | 3376.9 | 675.0 | 4.9 | -19.4 | 183.3 | 15.9 | 0.9 | 15.8 | 311.2 | 315.0 | 1.2 | 15.1 | 9.8 | 15. |
| 10.5 | 42.4 | 3592.9 | 650.0 | 1.9 | -16.1 | 160.0 | 13.3 | -0.0 | 15.3 | 311.1 | 316.4 | 1.7 | 25.0 | 10.6 | 14. |
| 10.5 | 45.2 | 3997.5 | 625.0 | -0.9 | -22.0 | 179.0 | 11.3 | -0.2 | 11.3 | 311.4 | 314.8 | 1.0 | 18.3 | 11.3 | 13. |
| 12.3 | 44.1 | 4321.4 | 600.0 | -3.9 | -17.1 | 180.7 | 7.9 | 0.1 | 7.9 | 311.6 | 316.9 | 1.7 | 35.1 | 11.9 | 12. |
| 14.1 | 51.3 | 4655.5 | 575.0 | -7.1 | -11.7 | 193.9 | 7.7 | 1.9 | 7.5 | 311.7 | 320.0 | 2.7 | 69.4 | 12.5 | 12. |
| 15.4 | 54.0 | 5000.6 | 550.0 | -10.0 | -19.9 | 190.7 | 11.5 | 3.7 | 10.9 | 312.2 | 316.8 | 1.4 | 43.9 | 13.2 | 12. |
| 16.3 | 57.1 | 5358.5 | 525.0 | -11.8 | -26.3 | 202.7 | 13.6 | 5.2 | 12.5 | 314.3 | 317.9 | 1.1 | 37.3 | 14.2 | 13. |
| 18.3 | 60.3 | 5730.7 | 500.0 | -13.7 | -58.6 | 207.1 | 16.6 | 7.5 | 14.7 | 316.4 | 316.5 | 0.0 | 1.0 | 15.6 | 14. |
| 19.3 | 63.5 | 6118.8 | 475.0 | -16.3 | -60.3 | 208.1 | 19.5 | 9.2 | 17.2 | 317.8 | 317.9 | 0.0 | 1.0 | 17.3 | 15. |
| 21.5 | 66.9 | 6523.2 | 450.0 | -18.7 | -61.8 | 213.9 | 18.6 | 10.4 | 15.4 | 319.7 | 319.8 | 0.0 | 1.0 | 19.2 | 17. |
| 23.1 | 70.4 | 6947.5 | 425.0 | -21.2 | -58.2 | 215.4 | 16.8 | 9.7 | 13.7 | 321.8 | 332.0 | 0.0 | 2.8 | 20.7 | 18. |
| 24.7 | 74.3 | 7390.8 | 400.0 | -25.7 | -40.5 | 215.0 | 17.9 | 10.3 | 14.7 | 321.6 | 332.5 | 0.3 | 23.2 | 22.2 | 20. |
| 26.1 | 77.6 | 7855.5 | 375.0 | -29.2 | -35.4 | 216.1 | 23.0 | 10.3 | 18.1 | 322.9 | 324.6 | 0.5 | 54.7 | 23.9 | 21. |
| 27.5 | 81.5 | 8348.6 | 350.0 | -33.0 | -38.3 | 228.2 | 20.1 | 15.0 | 13.4 | 324.3 | 325.7 | 0.4 | 54.9 | 25.9 | 22. |
| 29.3 | 85.4 | 8852.1 | 325.0 | -36.8 | -41.2 | 233.5 | 17.7 | 14.3 | 10.5 | 326.0 | 337.2 | 0.3 | 6.0 | 27.4 | 24. |
| 31.3 | 89.6 | 9411.6 | 300.0 | -41.0 | 99.9 | 243.0 | 16.8 | 15.0 | 7.6 | 327.7 | 999.9 | 99.9 | 999.9 | 28.9 | 26. |
| 33.3 | 94.0 | 9997.2 | 275.0 | -44 | 99.9 | 230.0 | 34.2 | 26.2 | 22.0 | 330.2 | 999.9 | 99.9 | 999.9 | 28.5 | 29. |
| 34.9 | 98.4 | 11626.9 | 250.0 | -51 | 99.9 | 235.5 | 28.7 | 23.6 | 16.3 | 331.2 | 999.9 | 99.9 | 999.9 | 33.1 | 31. |
| 37.1 | 103.4 | 11305.2 | 225.0 | -53 | 99.9 | 240.8 | 23.6 | 20.6 | 11.5 | 332.1 | 999.9 | 99.9 | 999.9 | 36.2 | 33. |
| 39.6 | 108.8 | 12040.5 | 200.0 | -63.2 | 99.9 | 238.1 | 20.2 | 17.2 | 10.7 | 332.7 | 999.9 | 99.9 | 999.9 | 38.9 | 36. |
| 42.1 | 114.5 | 12852.2 | 175.0 | -68.0 | 99.9 | 248.1 | 13.0 | 12.8 | 5.1 | 335.4 | 999.9 | 99.9 | 999.9 | 41.4 | 37. |
| 45.1 | 120.8 | 13791.1 | 150.0 | -68.6 | 99.9 | 243.6 | 15.0 | 13.5 | 6.7 | 336.4 | 999.9 | 99.9 | 999.9 | 43.3 | 39. |
| 48.1 | 127.7 | 14929.3 | 125.0 | -58.7 | 99.9 | 268.7 | 10.2 | 10.2 | 0.6 | 338.7 | 999.9 | 99.9 | 999.9 | 46.8 | 41. |
| 54.5 | 135.7 | 16312.8 | 100.0 | -64.2 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 403.7 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 6
CONCORDIA, KANSAS

20 APRIL 1979
516 GMT

| TIME MIN | CNTCT | WEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RM PCT | 126 RANGE KV | 95.0 RANGE KV |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|--------------------|---------------------|
| 0.7 | 9.9 | 448.0 | 958.4 | 18.2 | 15.8 | 160.0 | 6.2 | -2.1 | 5.8 | 294.9 | 326.0 | 11.9 | 86.0 | 0.0 | 0.0 |
| 99.7 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.7 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.4 | 10.5 | 933.0 | 950.0 | 19.3 | 16.7 | 99.9 | 99.9 | 99.9 | 99.9 | 295.7 | 329.1 | 12.8 | 92.8 | 99.9 | 99.9 |
| 1.2 | 12.9 | 752.6 | 925.0 | 18.9 | 16.0 | 99.9 | 99.9 | 99.9 | 99.9 | 296.6 | 329.4 | 12.5 | 94.2 | 99.9 | 99.9 |
| 2.0 | 15.3 | 996.5 | 900.0 | 15.6 | 13.6 | 99.9 | 99.9 | 99.9 | 99.9 | 297.6 | 328.6 | 11.7 | 93.9 | 99.9 | 99.9 |
| 2.7 | 17.9 | 1226.6 | 875.0 | 16.1 | 13.6 | 99.9 | 99.9 | 99.9 | 99.9 | 300.5 | 330.8 | 11.3 | 85.1 | 99.9 | 99.9 |
| 3.5 | 20.7 | 1473.2 | 850.0 | 14.8 | 11.7 | 99.9 | 99.9 | 99.9 | 99.9 | 301.6 | 329.3 | 10.2 | 81.7 | 99.9 | 99.9 |
| 4.4 | 22.7 | 1725.9 | 825.0 | 13.4 | 9.4 | 99.9 | 99.9 | 99.9 | 99.9 | 302.8 | 327.5 | 9.0 | 76.7 | 99.9 | 99.9 |
| 5.1 | 25.3 | 1944.8 | 800.0 | 12.5 | 2.3 | 99.9 | 99.9 | 99.9 | 99.9 | 304.4 | 320.5 | 5.7 | 50.0 | 99.9 | 99.9 |
| 6.1 | 27.9 | 2251.0 | 775.0 | 12.2 | -3.9 | 99.9 | 99.9 | 99.9 | 99.9 | 306.9 | 317.8 | 3.7 | 32.3 | 99.9 | 99.9 |
| 7.2 | 30.4 | 2555.3 | 750.0 | 11.4 | -5.8 | 99.9 | 99.9 | 99.9 | 99.9 | 309.0 | 318.8 | 3.3 | 29.4 | 99.9 | 99.9 |
| 8.2 | 33.1 | 2937.4 | 725.0 | 9.0 | -11.4 | 99.9 | 99.9 | 99.9 | 99.9 | 309.4 | 323.3 | 4.8 | 47.9 | 99.9 | 99.9 |
| 9.3 | 35.9 | 3326.7 | 700.0 | 6.3 | -13.1 | 99.9 | 99.9 | 99.9 | 99.9 | 309.5 | 322.2 | 4.3 | 50.8 | 99.9 | 99.9 |
| 10.4 | 38.6 | 3793.8 | 675.0 | 4.2 | -12.6 | 99.9 | 99.9 | 99.9 | 99.9 | 310.3 | 316.9 | 2.2 | 29.3 | 99.9 | 99.9 |
| 11.4 | 41.3 | 3699.5 | 650.0 | 1.8 | -12.0 | 99.9 | 99.9 | 99.9 | 99.9 | 311.0 | 318.2 | 2.4 | 35.2 | 99.9 | 99.9 |
| 12.3 | 44.1 | 4114.0 | 625.0 | -1.1 | -11.6 | 99.9 | 99.9 | 99.9 | 99.9 | 311.2 | 317.4 | 2.0 | 35.0 | 99.9 | 99.9 |
| 13.5 | 47.0 | 4337.9 | 600.0 | -3.9 | -10.3 | 99.9 | 99.9 | 99.9 | 99.9 | 311.6 | 317.2 | 1.8 | 37.4 | 99.9 | 99.9 |
| 14.7 | 50.0 | 4572.0 | 575.0 | -6.8 | -17.4 | 99.9 | 99.9 | 99.9 | 99.9 | 312.1 | 317.4 | 1.7 | 42.5 | 16.4 | 13.0 |
| 15.3 | 53.0 | 5016.7 | 550.0 | -13.3 | -14.4 | 205.2 | 8.7 | 3.7 | 7.9 | 311.9 | 318.9 | 2.3 | 71.8 | 17.3 | 13.0 |
| 16.4 | 56.1 | 5373.7 | 525.0 | -12.8 | -13.3 | 247.5 | 11.0 | 2.4 | -10.8 | 313.1 | 321.1 | 2.6 | 95.2 | 17.3 | 13.0 |
| 17.2 | 59.3 | 5744.4 | 500.0 | -15.7 | -16.5 | 269.9 | 10.7 | 10.7 | 0.0 | 313.9 | 320.4 | 2.1 | 93.6 | 16.4 | 14.0 |
| 18.4 | 62.5 | 6159.4 | 475.0 | -18.3 | -42.0 | 214.2 | 13.9 | 7.8 | 11.5 | 315.3 | 316.1 | 0.2 | 10.7 | 17.3 | 15.0 |
| 20.7 | 65.9 | 6532.1 | 450.0 | -19.6 | -20.7 | 216.2 | 14.2 | 8.4 | 11.4 | 318.6 | 321.0 | 0.7 | 40.4 | 18.3 | 16.0 |
| 22.3 | 69.1 | 6953.9 | 425.0 | -22.7 | -34.3 | 213.6 | 16.1 | 8.9 | 13.4 | 319.8 | 321.6 | 0.5 | 36.0 | 19.7 | 18.0 |
| 23.7 | 72.7 | 7395.9 | 400.0 | -26.2 | -58.4 | 217.8 | 16.8 | 10.3 | 13.3 | 320.9 | 321.2 | 0.1 | 5.0 | 21.7 | 19.0 |
| 25.5 | 76.4 | 7950.0 | 375.0 | -29.5 | -60.0 | 258.5 | 31.6 | 30.9 | 6.3 | 322.5 | 322.6 | 0.0 | 3.4 | 22.7 | 22.0 |
| 27.1 | 80.2 | 8468.3 | 350.0 | -33.0 | -41.2 | 234.0 | 24.8 | 20.0 | 14.6 | 324.3 | 325.3 | 0.3 | 43.5 | 24.4 | 29.0 |
| 28.7 | 84.2 | 9465.5 | 325.0 | -36.8 | -45.8 | 213.4 | 22.2 | 18.5 | 18.5 | 325.9 | 326.6 | 0.2 | 35.6 | 25.4 | 29.0 |
| 30.7 | 88.3 | 9414.1 | 300.0 | -41.7 | 92.9 | 213.3 | 23.3 | 12.8 | 19.4 | 326.6 | 99.9 | 99.9 | 99.9 | 28.6 | 29.0 |
| 32.1 | 92.3 | 9997.4 | 275.0 | -46.6 | 99.9 | 217.0 | 20.1 | 12.1 | 16.0 | 327.7 | 99.9 | 99.9 | 99.9 | 31.0 | 30.0 |
| 34.3 | 97.4 | 10623.2 | 250.0 | -51.4 | 99.9 | 220.9 | 23.2 | 15.2 | 17.6 | 329.7 | 99.9 | 99.9 | 99.9 | 33.6 | 31.0 |
| 36.2 | 102.2 | 11300.8 | 225.0 | -56.1 | 99.9 | 231.8 | 22.5 | 17.7 | 13.9 | 332.5 | 99.9 | 99.9 | 99.9 | 36.4 | 37.0 |
| 38.3 | 107.6 | 12312.8 | 200.0 | -60.8 | 99.9 | 239.8 | 14.5 | 12.5 | 7.3 | 336.5 | 99.9 | 99.9 | 99.9 | 38.5 | 33.0 |
| 40.7 | 113.4 | 12961.9 | 175.0 | -64.6 | 99.9 | 221.3 | 15.2 | 10.0 | 11.4 | 343.4 | 99.9 | 99.9 | 99.9 | 40.2 | 34.0 |
| 43.5 | 119.7 | 13920.2 | 150.0 | -67.6 | 99.9 | 245.9 | 17.7 | 16.2 | 7.2 | 367.5 | 99.9 | 99.9 | 99.9 | 43.3 | 35.0 |
| 46.3 | 126.5 | 14957.4 | 125.0 | -69.5 | 99.9 | 287.5 | 8.6 | 8.2 | -2.6 | 387.3 | 99.9 | 99.9 | 99.9 | 45.1 | 38.0 |
| 50.7 | 134.3 | 16336.2 | 100.0 | -63.7 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 404.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.3 | 99.9 | 99.9 | 75.0 | 97.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.7 | 99.9 | 99.9 | 50.0 | 92.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 6
CONCORDIA, KANSAS

20 APRIL 1979
015 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO CM/KG | RM PCT | RANGE KN | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0-0 | 9-4 | 448.0 | 958.9 | 14.3 | 16.5 | 220.0 | 6.2 | 4.0 | 4.7 | 295.0 | 327.3 | 12.4 | 89.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0-2 | 10-2 | 528.3 | 950.0 | 18.4 | 16.9 | 220.7 | 12.9 | 8.4 | 9.8 | 295.9 | 329.5 | 12.9 | 90.6 | 0.3 | 35. |
| 0-9 | 12-6 | 757.4 | 925.0 | 17.1 | 16.1 | 219.8 | 14.0 | 9.0 | 10.8 | 296.8 | 329.9 | 12.6 | 91.0 | 0.7 | 38. |
| 1-7 | 14-6 | 991.4 | 900.0 | 15.6 | 14.8 | 218.2 | 15.6 | 9.7 | 12.3 | 297.6 | 329.0 | 11.9 | 95.1 | 1.4 | 38. |
| 2-5 | 16-9 | 1230.8 | 875.0 | 14.6 | 13.9 | 218.4 | 18.6 | 11.6 | 14.6 | 298.9 | 329.5 | 11.5 | 95.6 | 2.2 | 38. |
| 3-4 | 19-0 | 1476.4 | 850.0 | 11.9 | 13.2 | 215.3 | 20.8 | 12.0 | 17.0 | 300.7 | 331.1 | 11.3 | 96.0 | 3.2 | 38. |
| 4-2 | 21-3 | 1728.4 | 825.0 | 12.4 | 11.7 | 210.4 | 22.8 | 11.5 | 19.7 | 301.7 | 330.3 | 10.6 | 96.0 | 4.2 | 37. |
| 5-0 | 23-6 | 1946.6 | 800.0 | 10.6 | 10.0 | 210.1 | 22.3 | 11.2 | 19.3 | 302.5 | 328.9 | 9.7 | 95.9 | 5.3 | 35. |
| 5-9 | 25-0 | 2250.8 | 775.0 | 9.7 | 4.1 | 211.4 | 18.5 | 9.6 | 15.8 | 304.3 | 323.0 | 6.7 | 68.1 | 6.5 | 36. |
| 6-9 | 28-4 | 2523.0 | 750.0 | 8.1 | 1.9 | 214.1 | 16.2 | 9.1 | 13.4 | 305.3 | 322.0 | 5.9 | 64.9 | 7.5 | 34. |
| 7-9 | 30.7 | 2802.0 | 725.0 | 5.6 | 1.2 | 212.6 | 14.0 | 7.6 | 11.8 | 305.6 | 322.0 | 5.8 | 73.4 | 8.4 | 34. |
| 9-0 | 33.2 | 3038.3 | 700.0 | 3.2 | 1.2 | 209.4 | 13.1 | 6.5 | 11.4 | 306.1 | 323.1 | 6.0 | 86.4 | 9.3 | 34. |
| 10-0 | 35.7 | 3192.7 | 675.0 | 1.4 | -0.0 | 203.6 | 12.5 | 5.0 | 11.4 | 307.2 | 323.5 | 5.7 | 90.4 | 10.1 | 33. |
| 11-1 | 38.3 | 3346.1 | 650.0 | -0.6 | -2.8 | 196.4 | 14.1 | 4.0 | 13.6 | 308.3 | 322.2 | 4.8 | 85.2 | 10.9 | 32. |
| 12-2 | 40.9 | 3498.7 | 625.0 | -2.7 | -4.8 | 192.3 | 15.0 | 3.2 | 14.7 | 309.3 | 321.9 | 4.3 | 85.6 | 11.8 | 31. |
| 13-4 | 43.6 | 3651.9 | 600.0 | -5.6 | -8.6 | 190.5 | 17.1 | 3.1 | 16.8 | 310.9 | 320.9 | 3.3 | 73.3 | 12.9 | 29. |
| 14-5 | 46.3 | 3805.8 | 575.0 | -6.9 | -10.9 | 196.1 | 17.4 | 4.9 | 16.8 | 311.9 | 320.7 | 2.9 | 73.3 | 14.0 | 28. |
| 15-7 | 49.1 | 3961.4 | 550.0 | -9.4 | -14.1 | 199.8 | 18.0 | 6.1 | 17.0 | 313.0 | 320.2 | 2.3 | 68.6 | 15.3 | 27. |
| 17-0 | 51.9 | 4119.5 | 525.0 | -11.0 | -18.7 | 201.9 | 15.1 | 5.6 | 14.0 | 315.2 | 316.5 | 0.4 | 13.7 | 16.6 | 26. |
| 18-5 | 54.8 | 4283.6 | 500.0 | -12.4 | -23.8 | 211.3 | 15.2 | 7.9 | 13.0 | 317.9 | 318.0 | 0.0 | 1.0 | 17.9 | 26. |
| 20-2 | 57.8 | 4453.3 | 475.0 | -15.0 | -29.5 | 210.0 | 15.2 | 7.6 | 13.2 | 319.4 | 319.5 | 0.0 | 1.0 | 19.4 | 27. |
| 21-4 | 60.9 | 4629.6 | 450.0 | -19.0 | -34.3 | 203.3 | 15.9 | 6.3 | 14.6 | 320.7 | 320.7 | 0.0 | 1.0 | 20.9 | 27. |
| 23-5 | 64.0 | 4809.3 | 425.0 | -21.2 | -39.4 | 205.9 | 17.1 | 7.4 | 15.3 | 321.8 | 321.9 | 0.0 | 1.0 | 22.6 | 27. |
| 25-7 | 67.3 | 4998.6 | 400.0 | -24.5 | -46.9 | 211.7 | 18.5 | 9.7 | 15.8 | 323.2 | 323.7 | 0.1 | 10.3 | 24.2 | 27. |
| 26-7 | 70.6 | 5195.7 | 375.0 | -28.1 | -54.9 | 209.6 | 20.0 | 9.9 | 17.4 | 324.4 | 324.9 | 0.1 | 14.6 | 26.1 | 27. |
| 29-4 | 74.0 | 5396.1 | 350.0 | -32.6 | -63.1 | 208.7 | 19.6 | 8.7 | 17.2 | 325.8 | 325.7 | 0.2 | 30.0 | 28.1 | 27. |
| 30-2 | 77.7 | 5593.2 | 325.0 | -37.5 | -74.3 | 206.2 | 19.7 | 8.7 | 17.7 | 326.0 | 325.7 | 0.2 | 43.7 | 30.2 | 27. |
| 32-7 | 81.4 | 5800.4 | 300.0 | -42.3 | -84.9 | 207.6 | 20.9 | 9.7 | 18.5 | 325.8 | 325.9 | 99.9 | 99.9 | 32.6 | 27. |
| 34.1 | 85.3 | 6002.8 | 275.0 | -46.8 | -94.9 | 213.9 | 26.5 | 14.8 | 22.0 | 327.5 | 327.5 | 99.9 | 99.9 | 35.3 | 27. |
| 36-4 | 89.0 | 6208.4 | 250.0 | -51.4 | -104.9 | 211.4 | 29.3 | 15.3 | 25.0 | 329.7 | 329.7 | 99.9 | 99.9 | 38.5 | 28. |
| 39-6 | 93.0 | 6403.9 | 225.0 | -55.9 | -114.9 | 211.8 | 29.5 | 15.6 | 25.1 | 332.8 | 332.8 | 99.9 | 99.9 | 41.9 | 28. |
| 42-2 | 98.8 | 6607.6 | 200.0 | -59.1 | -124.9 | 205.4 | 23.0 | 9.9 | 20.8 | 339.1 | 339.1 | 99.9 | 99.9 | 48.9 | 29. |
| 44.9 | 104.0 | 6816.0 | 175.0 | -64.3 | -134.9 | 197.6 | 20.0 | 6.0 | 19.0 | 343.8 | 343.8 | 99.9 | 99.9 | 52.0 | 28. |
| 48-0 | 109.8 | 7022.3 | 150.0 | -68.2 | -144.9 | 99.9 | 99.9 | 99.9 | 99.9 | 349.9 | 349.9 | 99.9 | 99.9 | 55.8 | 28. |
| 51-6 | 116.0 | 7232.3 | 125.0 | -60.9 | -154.9 | 99.9 | 99.9 | 99.9 | 99.9 | 354.7 | 354.7 | 99.9 | 99.9 | 99.9 | 99.9 |
| 56-2 | 123.0 | 7442.7 | 100.0 | -62.6 | -164.9 | 99.9 | 99.9 | 99.9 | 99.9 | 406.8 | 406.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| 59-3 | 99.9 | 99.9 | 75.0 | -60.9 | -174.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 50.0 | -60.9 | -184.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | -60.9 | -194.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 6
CONCORDIA, KANSAS

| TIME M/JN | CMTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX WFO GM/KG | RM PCT | RANGE KM | AZ DG |
|--------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| | | | | | | | | | | | | | | | |
| 0.0 | 9.6 | 448.0 | 960.5 | 11.3 | 9.7 | 330.0 | 10.3 | 5.2 | -8.9 | 267.8 | 308.2 | 7.9 | 90.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.1 | 10.4 | 539.9 | 950.0 | 10.4 | 9.4 | 333.2 | 11.9 | 5.4 | -10.6 | 287.7 | 307.9 | 7.8 | 93.6 | 0.5 | 159. |
| 1.1 | 12.7 | 741.8 | 925.0 | 9.6 | 8.2 | 339.6 | 13.9 | 4.8 | -13.0 | 288.2 | 307.5 | 7.4 | 97.3 | 1.0 | 157. |
| 2.1 | 15.2 | 990.5 | 900.0 | 11.8 | 11.4 | 328.6 | 10.6 | 5.5 | -9.1 | 293.6 | 318.6 | 9.5 | 97.9 | 1.9 | 159. |
| 3.1 | 17.7 | 1277.1 | 875.0 | 12.3 | 12.0 | 274.6 | 7.2 | 7.2 | -0.6 | 296.6 | 323.6 | 10.2 | 95.0 | 2.3 | 154. |
| 4.1 | 20.2 | 1471.2 | 850.0 | 12.2 | 11.8 | 243.3 | 10.2 | 9.1 | 4.6 | 299.0 | 326.6 | 10.3 | 97.0 | 2.3 | 140. |
| 5.1 | 22.7 | 1721.8 | 825.0 | 11.0 | 10.0 | 250.2 | 10.3 | 9.7 | 3.5 | 300.3 | 325.8 | 9.4 | 93.3 | 2.5 | 130. |
| 6.1 | 25.2 | 1978.5 | 800.0 | 9.4 | 8.1 | 244.7 | 11.2 | 10.2 | 4.8 | 301.2 | 324.5 | 8.5 | 91.5 | 2.9 | 120. |
| 7.1 | 27.4 | 2241.8 | 775.0 | 7.7 | 5.4 | 236.6 | 13.6 | 11.3 | 7.5 | 302.1 | 322.3 | 7.3 | 85.2 | 3.3 | 109. |
| 8.1 | 30.4 | 2512.0 | 750.0 | 6.1 | 4.5 | 230.0 | 15.2 | 11.7 | 9.8 | 303.2 | 323.0 | 7.1 | 89.6 | 3.9 | 97. |
| 9.1 | 33.0 | 2789.5 | 725.0 | 6.6 | 2.9 | 225.9 | 16.8 | 11.9 | 11.5 | 304.5 | 322.9 | 6.5 | 88.7 | 4.6 | 88. |
| 10.1 | 35.7 | 3075.3 | 700.0 | 2.7 | 1.4 | 221.1 | 18.7 | 12.3 | 14.1 | 305.5 | 322.8 | 6.1 | 91.0 | 5.5 | 79. |
| 11.1 | 38.4 | 3369.2 | 675.0 | 1.0 | 0.2 | 214.6 | 19.4 | 11.0 | 16.0 | 306.8 | 323.3 | 5.8 | 94.5 | 6.5 | 72. |
| 12.4 | 41.3 | 3672.4 | 650.0 | -0.8 | -1.9 | 226.4 | 16.4 | 11.9 | 11.3 | 308.1 | 322.9 | 5.1 | 92.0 | 7.5 | 67. |
| 13.5 | 44.1 | 3945.3 | 625.0 | -2.3 | -3.1 | 220.2 | 14.0 | 9.0 | 10.7 | 309.8 | 324.1 | 4.9 | 93.8 | 8.5 | 64. |
| 14.7 | 47.0 | 4309.2 | 600.0 | -3.5 | -4.2 | 218.8 | 13.1 | 8.2 | 10.2 | 312.1 | 326.0 | 4.7 | 94.6 | 9.3 | 62. |
| 15.7 | 49.9 | 4645.1 | 575.0 | -5.9 | -6.6 | 212.7 | 13.5 | 7.3 | 11.4 | 313.1 | 325.3 | 4.1 | 94.9 | 10.2 | 60. |
| 16.1 | 53.0 | 4922.2 | 550.0 | -3.0 | -8.7 | 202.1 | 14.7 | 5.5 | 13.6 | 314.7 | 325.6 | 3.6 | 94.4 | 11.1 | 57. |
| 18.1 | 56.1 | 5353.1 | 525.0 | -10.0 | -10.8 | 206.8 | 16.5 | 7.4 | 14.7 | 316.4 | 326.2 | 3.2 | 93.5 | 12.0 | 54. |
| 19.4 | 59.1 | 5777.3 | 500.0 | -13.8 | -14.9 | 209.9 | 17.3 | 6.6 | 15.0 | 318.7 | 324.2 | 2.4 | 88.9 | 13.2 | 51. |
| 21.1 | 62.5 | 6116.0 | 475.0 | -16.4 | -19.3 | 216.3 | 19.0 | 11.3 | 15.3 | 317.7 | 323.3 | 1.7 | 77.8 | 14.8 | 49. |
| 22.6 | 65.9 | 6520.8 | 450.0 | -13.0 | -23.7 | 219.7 | 19.6 | 12.5 | 15.1 | 319.4 | 323.5 | 1.3 | 66.2 | 16.5 | 48. |
| 24.6 | 69.3 | 6942.9 | 425.0 | -23.3 | -32.8 | 220.5 | 18.2 | 11.8 | 13.8 | 319.1 | 321.0 | 0.6 | 41.4 | 13.8 | 47. |
| 27.4 | 72.9 | 7395.7 | 400.0 | -24.3 | -29.3 | 203.9 | 10.9 | 4.4 | 10.0 | 323.5 | 326.3 | 0.8 | 62.9 | 21.9 | 46. |
| 29.3 | 76.6 | 7853.2 | 375.0 | -27.9 | -32.2 | 195.4 | 11.9 | 3.2 | 11.5 | 324.7 | 327.1 | 0.7 | 60.2 | 22.6 | 45. |
| 30.2 | 80.3 | 8344.9 | 350.0 | -31.8 | -36.2 | 193.7 | 13.7 | 3.2 | 13.3 | 325.9 | 327.6 | 0.5 | 61.8 | 23.3 | 44. |
| 32.0 | 84.3 | 8863.8 | 325.0 | -36.5 | -41.9 | 189.8 | 14.1 | 2.4 | 13.9 | 326.4 | 327.5 | 0.3 | 55.7 | 24.5 | 42. |
| 34.5 | 88.5 | 9413.5 | 300.0 | -41.1 | -49.9 | 185.3 | 15.3 | 2.5 | 15.1 | 327.4 | 999.9 | 99.9 | 99.9 | 26.5 | 40. |
| 37.1 | 92.4 | 9998.7 | 275.0 | -45.8 | -59.9 | 186.4 | 17.2 | 1.9 | 17.1 | 328.8 | 999.9 | 99.9 | 99.9 | 28.7 | 37. |
| 40.1 | 97.6 | 10625.6 | 250.0 | -51.3 | -69.9 | 188.4 | 17.5 | 2.6 | 17.3 | 329.8 | 999.9 | 99.9 | 99.9 | 31.6 | 34. |
| 43.7 | 102.5 | 11300.4 | 225.0 | -57.7 | -79.9 | 186.7 | 18.8 | 2.2 | 18.7 | 330.1 | 999.9 | 99.9 | 99.9 | 34.1 | 32. |
| 46.5 | 107.8 | 12034.7 | 200.0 | -62.1 | -89.9 | 200.8 | 27.4 | 9.7 | 25.6 | 334.4 | 999.9 | 99.9 | 99.9 | 38.6 | 30. |
| 50.3 | 113.5 | 12936.1 | 175.0 | -67.8 | -99.9 | 215.2 | 27.5 | 15.8 | 22.4 | 349.7 | 999.9 | 99.9 | 99.9 | 46.8 | 29. |
| 55.3 | 120.7 | 13825.4 | 150.0 | -57.2 | -99.9 | 234.7 | 14.5 | 11.8 | 8.4 | 371.5 | 999.9 | 99.9 | 99.9 | 52.7 | 31. |
| 61.2 | 126.6 | 14669.9 | 125.0 | -61.9 | -99.9 | 238.7 | 7.8 | 6.7 | 4.1 | 383.0 | 999.9 | 99.9 | 99.9 | 55.5 | 33. |
| 99.9 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 7
DURANT, OKLAHOMA

| 19 APRIL 1979 | | | | | | | | | | | | | | | 127 103. 0 | | |
|---------------|-------|---------|--------|-------|--------|-------|-------|--------|--------|-------|---------|--------|-------|-------|------------|--|--|
| 1105 GMT | | | | | | | | | | | | | | | | | |
| TIME | CNTCT | HEIGHT | PRES | TEMP | DEW PT | DIR | SPEED | U COMP | V COMP | POT T | E POT T | MX RTO | RM | RANGE | AZ | | |
| MIN | | GPW | MB | DEG C | DEG C | DEG | M/SEC | M/SEC | M/SEC | DEG K | DEG K | CM/KG | PCT | KM | DEG | | |
| 0.0 | 6.4 | 214.0 | 991.2 | 17.0 | 16.2 | 999.9 | 99.9 | 99.9 | 99.9 | 290.9 | 321.2 | 11.0 | 95.0 | 999.9 | 999.9 | | |
| 0.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 | | |
| 0.7 | 7.9 | 354.9 | 975.0 | 16.3 | 15.2 | 999.9 | 99.9 | 99.9 | 99.9 | 291.6 | 320.5 | 11.2 | 92.9 | 999.9 | 999.9 | | |
| 1.5 | 10.2 | 576.3 | 950.0 | 16.6 | 12.5 | 999.9 | 99.9 | 99.9 | 99.9 | 294.0 | 319.4 | 9.7 | 77.3 | 999.9 | 999.9 | | |
| 2.2 | 12.5 | 824.6 | 925.0 | 17.0 | 7.4 | 999.9 | 99.9 | 99.9 | 99.9 | 297.5 | 316.5 | 7.0 | 50.6 | 999.9 | 999.9 | | |
| 3.1 | 14.9 | 1038.4 | 900.0 | 16.7 | 6.7 | 999.9 | 99.9 | 99.9 | 99.9 | 298.7 | 317.5 | 6.9 | 51.7 | 999.9 | 999.9 | | |
| 4.1 | 17.3 | 1278.5 | 875.0 | 15.7 | 14.4 | 999.9 | 99.9 | 99.9 | 99.9 | 300.2 | 331.9 | 11.9 | 91.6 | 999.9 | 999.9 | | |
| 5.2 | 19.9 | 1524.7 | 850.0 | 14.3 | 12.2 | 999.9 | 99.9 | 99.9 | 99.9 | 301.1 | 329.7 | 10.6 | 87.3 | 999.9 | 999.9 | | |
| 6.3 | 22.2 | 1777.3 | 825.0 | 11.7 | 9.1 | 999.9 | 99.9 | 99.9 | 99.9 | 303.0 | 327.4 | 8.9 | 76.0 | 999.9 | 999.9 | | |
| 7.4 | 24.7 | 2036.1 | 800.0 | 11.2 | 4.4 | 999.9 | 99.9 | 99.9 | 99.9 | 303.1 | 327.1 | 8.7 | 83.0 | 999.9 | 999.9 | | |
| 8.5 | 27.2 | 2300.9 | 775.0 | 9.0 | 7.5 | 999.9 | 99.9 | 99.9 | 99.9 | 303.5 | 326.8 | 8.4 | 90.1 | 999.9 | 999.9 | | |
| 9.4 | 29.9 | 2573.3 | 750.0 | 9.8 | -1.3 | 999.9 | 99.9 | 99.9 | 99.9 | 307.2 | 320.7 | 4.6 | 45.7 | 999.9 | 999.9 | | |
| 10.5 | 32.4 | 2854.4 | 725.0 | 8.9 | -10.4 | 999.9 | 99.9 | 99.9 | 99.9 | 309.2 | 316.5 | 2.4 | 24.3 | 999.9 | 999.9 | | |
| 11.5 | 35.1 | 3143.9 | 700.0 | 7.3 | -17.9 | 999.9 | 99.9 | 99.9 | 99.9 | 310.5 | 314.8 | 1.4 | 14.9 | 999.9 | 999.9 | | |
| 12.7 | 37.8 | 3441.5 | 675.0 | 4.6 | -25.5 | 999.9 | 99.9 | 99.9 | 99.9 | 313.2 | 313.2 | 0.7 | 8.9 | 999.9 | 999.9 | | |
| 13.7 | 40.6 | 3747.1 | 650.0 | 1.0 | -24.7 | 999.9 | 99.9 | 99.9 | 99.9 | 311.1 | 313.6 | 0.8 | 11.8 | 999.9 | 999.9 | | |
| 15.1 | 43.3 | 4051.5 | 625.0 | -1.0 | -22.9 | 999.9 | 99.9 | 99.9 | 99.9 | 311.3 | 314.4 | 1.0 | 17.2 | 999.9 | 999.9 | | |
| 16.5 | 46.1 | 4334.8 | 600.0 | -4.5 | -19.5 | 999.9 | 99.9 | 99.9 | 99.9 | 310.9 | 315.2 | 1.4 | 29.8 | 999.9 | 999.9 | | |
| 17.9 | 47.1 | 4713.4 | 575.0 | -7.4 | -15.5 | 999.9 | 99.9 | 99.9 | 99.9 | 311.3 | 317.5 | 2.0 | 52.1 | 999.9 | 999.9 | | |
| 19.3 | 52.0 | 5063.2 | 550.0 | -9.6 | -55.4 | 999.9 | 99.9 | 99.9 | 99.9 | 313.9 | 314.0 | 0.0 | 1.0 | 999.9 | 999.9 | | |
| 20.5 | 55.0 | 5421.9 | 525.0 | -10.9 | -56.8 | 999.9 | 99.9 | 99.9 | 99.9 | 315.3 | 315.4 | 0.0 | 1.0 | 999.9 | 999.9 | | |
| 22.1 | 58.1 | 5795.8 | 500.0 | -12.6 | -57.9 | 999.9 | 99.9 | 99.9 | 99.9 | 317.6 | 317.7 | 0.0 | 1.0 | 999.9 | 999.9 | | |
| 23.7 | 61.4 | 6194.1 | 475.0 | -16.8 | -60.6 | 999.9 | 99.9 | 99.9 | 99.9 | 317.2 | 317.3 | 0.0 | 1.0 | 999.9 | 999.9 | | |
| 25.3 | 64.6 | 6587.4 | 450.0 | -20.2 | -62.8 | 999.9 | 99.9 | 99.9 | 99.9 | 319.0 | 318.0 | 0.0 | 1.0 | 999.9 | 999.9 | | |
| 27.3 | 68.0 | 7008.1 | 425.0 | -23.4 | -64.8 | 999.9 | 99.9 | 99.9 | 99.9 | 319.1 | 319.1 | 0.0 | 1.0 | 999.9 | 999.9 | | |
| 29.7 | 71.5 | 7450.5 | 400.0 | -25.6 | -66.3 | 999.9 | 99.9 | 99.9 | 99.9 | 321.8 | 321.8 | 0.0 | 1.0 | 999.9 | 999.9 | | |
| 30.9 | 75.1 | 7915.0 | 375.0 | -27.1 | -68.6 | 999.9 | 99.9 | 99.9 | 99.9 | 323.1 | 323.2 | 0.0 | 1.0 | 999.9 | 999.9 | | |
| 32.7 | 79.0 | 8435.3 | 350.0 | -32.0 | -70.5 | 999.9 | 99.9 | 99.9 | 99.9 | 325.6 | 325.7 | 0.0 | 1.0 | 999.9 | 999.9 | | |
| 34.9 | 82.8 | 8924.6 | 325.0 | -36.3 | -73.3 | 999.9 | 99.9 | 99.9 | 99.9 | 326.7 | 326.7 | 0.0 | 1.0 | 999.9 | 999.9 | | |
| 37.7 | 87.0 | 9475.4 | 300.0 | -40.3 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 328.6 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 | | |
| 39.4 | 91.3 | 10063.7 | 275.0 | -45.0 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 330.1 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 | | |
| 42.2 | 96.0 | 10592.9 | 250.0 | -50.6 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 330.8 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 | | |
| 45.1 | 100.9 | 11171.9 | 225.0 | -55.7 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 333.2 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 | | |
| 47.7 | 106.0 | 12111.1 | 200.0 | -61.4 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 335.6 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 | | |
| 51.3 | 111.4 | 12735.9 | 175.0 | -60.3 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 350.3 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 | | |
| 55.1 | 114.0 | 13406.1 | 150.0 | -62.1 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 363.1 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 | | |
| 59.6 | 125.0 | 15022.2 | 125.0 | -62.1 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 382.4 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 | | |
| 69.9 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 | | |
| 99.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 | | |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 | | |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 | | |

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 7
DURANT, OKLAHOMA

19 APRIL 1979
1405 GMT

| TIME MIN | CNTCT | HEIGHT GPH | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RM PCY | RANGE KN | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 6.5 | 214.0 | 992.2 | 19.4 | 16.1 | 999.9 | 99.9 | 99.9 | 99.9 | 293.2 | 323.5 | 11.7 | 81.0 | 999.9 | 999.9 |
| 00.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.5 | 8.0 | 363.7 | 975.0 | 16.1 | 15.9 | 999.9 | 99.9 | 99.9 | 99.9 | 291.4 | 321.6 | 11.6 | 99.8 | 999.9 | 999.9 |
| 1.3 | 10.4 | 594.9 | 950.0 | 15.3 | 15.0 | 999.9 | 99.9 | 99.9 | 99.9 | 292.7 | 322.2 | 11.4 | 98.5 | 999.9 | 999.9 |
| 2.1 | 12.8 | 912.5 | 925.0 | 16.9 | 16.3 | 999.9 | 99.9 | 99.9 | 99.9 | 296.6 | 330.0 | 12.8 | 96.5 | 999.9 | 999.9 |
| 3.1 | 15.3 | 1047.6 | 900.0 | 17.7 | 12.8 | 999.9 | 99.9 | 99.9 | 99.9 | 299.8 | 327.7 | 10.4 | 72.8 | 999.9 | 999.9 |
| 4.3 | 17.8 | 1288.5 | 875.0 | 16.3 | 12.5 | 999.9 | 99.9 | 99.9 | 99.9 | 300.7 | 329.1 | 10.5 | 78.8 | 999.9 | 999.9 |
| 4.9 | 20.3 | 1534.8 | 850.0 | 14.3 | 10.9 | 999.9 | 99.9 | 99.9 | 99.9 | 301.2 | 327.5 | 9.7 | 79.8 | 999.9 | 999.9 |
| 6.0 | 22.9 | 1786.9 | 825.0 | 12.8 | 11.3 | 999.9 | 99.9 | 99.9 | 99.9 | 302.1 | 330.0 | 10.3 | 90.5 | 999.9 | 999.9 |
| 6.8 | 25.4 | 2045.3 | 800.0 | 11.0 | 9.6 | 999.9 | 99.9 | 99.9 | 99.9 | 302.8 | 328.6 | 9.4 | 91.1 | 999.9 | 999.9 |
| 7.9 | 28.0 | 2310.5 | 775.0 | 10.1 | 7.9 | 999.9 | 99.9 | 99.9 | 99.9 | 304.7 | 328.7 | 8.7 | 85.7 | 999.9 | 999.9 |
| 9.9 | 30.6 | 2593.4 | 750.0 | 9.1 | 3.8 | 999.9 | 99.9 | 99.9 | 99.9 | 306.5 | 325.5 | 6.7 | 69.4 | 999.9 | 999.9 |
| 9.9 | 33.3 | 2964.4 | 725.0 | 8.2 | 1.1 | 999.9 | 99.9 | 99.9 | 99.9 | 308.5 | 325.0 | 5.7 | 60.8 | 999.9 | 999.9 |
| 11.3 | 36.0 | 3153.4 | 700.0 | 6.7 | -8.9 | 999.9 | 99.9 | 99.9 | 99.9 | 309.9 | 318.4 | 2.8 | 31.7 | 999.9 | 999.9 |
| 12.0 | 38.9 | 3451.3 | 675.0 | 4.9 | -15.6 | 999.9 | 99.9 | 99.9 | 99.9 | 311.3 | 316.4 | 1.7 | 21.1 | 999.9 | 999.9 |
| 13.1 | 41.6 | 3757.4 | 650.0 | 2.0 | -23.4 | 999.9 | 99.9 | 99.9 | 99.9 | 311.9 | 314.1 | 0.9 | 13.0 | 999.9 | 999.9 |
| 14.1 | 44.4 | 4072.3 | 625.0 | -0.5 | -22.4 | 999.9 | 99.9 | 99.9 | 99.9 | 311.9 | 315.2 | 1.0 | 17.3 | 999.9 | 999.9 |
| 15.5 | 47.4 | 4396.8 | 600.0 | -3.2 | -16.3 | 999.9 | 99.9 | 99.9 | 99.9 | 312.4 | 318.0 | 1.8 | 35.8 | 999.9 | 999.9 |
| 16.7 | 50.4 | 4731.8 | 575.0 | -6.2 | -13.8 | 999.9 | 99.9 | 99.9 | 99.9 | 312.7 | 319.8 | 2.3 | 55.1 | 999.9 | 999.9 |
| 17.9 | 53.4 | 5077.5 | 550.0 | -9.5 | -16.3 | 999.9 | 99.9 | 99.9 | 99.9 | 312.8 | 318.9 | 2.0 | 58.1 | 999.9 | 999.9 |
| 19.2 | 56.5 | 5437.0 | 525.0 | -12.2 | -15.8 | 999.9 | 99.9 | 99.9 | 99.9 | 312.8 | 317.5 | 0.0 | 1.0 | 999.9 | 999.9 |
| 20.6 | 59.8 | 5812.5 | 500.0 | -11.6 | -16.3 | 999.9 | 99.9 | 99.9 | 99.9 | 318.9 | 319.0 | 0.0 | 1.0 | 999.9 | 999.9 |
| 21.9 | 63.0 | 6202.5 | 475.0 | -15.2 | -18.9 | 999.9 | 99.9 | 99.9 | 99.9 | 319.2 | 319.3 | 0.0 | 1.0 | 999.9 | 999.9 |
| 23.4 | 66.4 | 6608.3 | 450.0 | -18.9 | -22.0 | 999.9 | 99.9 | 99.9 | 99.9 | 319.5 | 319.5 | 0.0 | 1.0 | 999.9 | 999.9 |
| 25.1 | 69.9 | 7030.8 | 425.0 | -22.0 | -25.2 | 999.9 | 99.9 | 99.9 | 99.9 | 320.8 | 320.8 | 0.0 | 1.0 | 999.9 | 999.9 |
| 26.7 | 73.4 | 7474.5 | 400.0 | -25.2 | -28.2 | 999.9 | 99.9 | 99.9 | 99.9 | 322.2 | 322.3 | 0.0 | 1.0 | 999.9 | 999.9 |
| 28.3 | 77.1 | 7940.5 | 375.0 | -28.2 | -31.4 | 999.9 | 99.9 | 99.9 | 99.9 | 324.3 | 324.3 | 0.0 | 1.0 | 999.9 | 999.9 |
| 29.8 | 81.0 | 8432.0 | 350.0 | -31.4 | -34.4 | 999.9 | 99.9 | 99.9 | 99.9 | 326.5 | 326.5 | 0.0 | 1.0 | 999.9 | 999.9 |
| 31.5 | 85.0 | 8952.2 | 325.0 | -35.4 | -37.2 | 999.9 | 99.9 | 99.9 | 99.9 | 327.9 | 328.6 | 0.2 | 30.3 | 999.9 | 999.9 |
| 33.5 | 89.2 | 9505.7 | 300.0 | -39.2 | -44.5 | 999.9 | 99.9 | 99.9 | 99.9 | 330.1 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 35.4 | 93.6 | 10095.3 | 275.0 | -44.5 | -50.0 | 999.9 | 99.9 | 99.9 | 99.9 | 330.8 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 37.7 | 99.2 | 10725.0 | 250.0 | -50.0 | -56.1 | 999.9 | 99.9 | 99.9 | 99.9 | 331.8 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 40.2 | 103.2 | 11475.0 | 225.0 | -56.1 | -60.4 | 999.9 | 99.9 | 99.9 | 99.9 | 332.6 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 43.3 | 108.6 | 12144.9 | 200.0 | -60.4 | -63.9 | 999.9 | 99.9 | 99.9 | 99.9 | 337.1 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 45.9 | 114.5 | 12969.8 | 175.0 | -63.9 | -61.0 | 999.9 | 99.9 | 99.9 | 99.9 | 344.5 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 49.3 | 120.4 | 13925.0 | 150.0 | -61.0 | -59.8 | 999.9 | 99.9 | 99.9 | 99.9 | 365.0 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 53.6 | 128.0 | 15059.4 | 125.0 | -59.8 | -59.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |

9 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 99 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 7
DURANT, OKLAHOMA

| 19 APRIL 1979 | | | | | | | | | | | | | | 120 100. 0 | | | |
|---------------|-------|---------|--------|-------|--------|-------|-------|--------|--------|-------|---------|--------|-------|------------|-------|--|--|
| TIME | CNTCT | WEIGHT | PRES | TEMP | DEW PT | DIR | SPEED | U COMP | V COMP | POT T | E POT T | MX RTO | RM | RANGE | AZ | | |
| MIN | | GPM | MB | DEG C | DEG C | DEG | M/SEC | M/SEC | M/SEC | DEG K | DEG K | GM/SEC | PCT | KM | DEG | | |
| 0.3 | 6.3 | 214.0 | 992.7 | 27.0 | 10.6 | 999.9 | 99.9 | 99.9 | 99.9 | 293.8 | 325.2 | 12.1 | 81.0 | 999.9 | 999.9 | | |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 | | |
| 0.7 | 8.9 | 348.5 | 975.0 | 16.7 | 15.9 | 999.9 | 99.9 | 99.9 | 99.9 | 291.9 | 322.2 | 11.7 | 95.1 | 999.9 | 999.9 | | |
| 1.5 | 10.4 | 590.1 | 950.0 | 15.7 | 16.9 | 999.9 | 99.9 | 99.9 | 99.9 | 293.1 | 322.6 | 11.3 | 95.2 | 999.9 | 999.9 | | |
| 2.4 | 12.7 | 817.3 | 925.0 | 15.4 | 16.7 | 999.9 | 99.9 | 99.9 | 99.9 | 295.1 | 325.2 | 11.5 | 95.3 | 999.9 | 999.9 | | |
| 3.3 | 15.2 | 1051.0 | 900.0 | 16.4 | 15.7 | 999.9 | 99.9 | 99.9 | 99.9 | 298.4 | 331.7 | 12.6 | 95.4 | 999.9 | 999.9 | | |
| 4.1 | 17.6 | 1291.1 | 875.0 | 14.6 | 13.6 | 999.9 | 99.9 | 99.9 | 99.9 | 299.0 | 329.1 | 11.3 | 93.9 | 999.9 | 999.9 | | |
| 5.3 | 27.0 | 1536.7 | 850.0 | 13.9 | 12.3 | 999.9 | 99.9 | 99.9 | 99.9 | 300.7 | 329.4 | 10.7 | 90.3 | 999.9 | 999.9 | | |
| 6.3 | 22.5 | 1789.0 | 825.0 | 12.3 | 10.4 | 999.9 | 99.9 | 99.9 | 99.9 | 301.6 | 328.0 | 9.7 | 88.3 | 999.9 | 999.9 | | |
| 7.0 | 25.0 | 2047.2 | 800.0 | 11.6 | 9.6 | 999.9 | 99.9 | 99.9 | 99.9 | 303.5 | 329.4 | 9.4 | 87.6 | 999.9 | 999.9 | | |
| 9.7 | 27.6 | 2313.1 | 775.0 | 10.0 | 8.5 | 999.9 | 99.9 | 99.9 | 99.9 | 304.6 | 329.6 | 9.1 | 90.6 | 999.9 | 999.9 | | |
| 9.7 | 30.1 | 2595.5 | 750.0 | 8.6 | 3.3 | 999.9 | 99.9 | 99.9 | 99.9 | 305.9 | 324.2 | 6.5 | 69.4 | 999.9 | 999.9 | | |
| 10.2 | 32.6 | 2966.2 | 725.0 | 9.0 | -0.8 | 999.9 | 99.9 | 99.9 | 99.9 | 309.3 | 323.8 | 5.0 | 53.2 | 999.9 | 999.9 | | |
| 11.2 | 35.5 | 3156.4 | 700.0 | 7.6 | -7.1 | 999.9 | 99.9 | 99.9 | 99.9 | 311.5 | 318.5 | 2.3 | 27.7 | 999.9 | 999.9 | | |
| 17.3 | 38.2 | 3454.8 | 675.0 | 5.2 | -11.9 | 999.9 | 99.9 | 99.9 | 99.9 | 311.7 | 317.7 | 1.9 | 27.7 | 999.9 | 999.9 | | |
| 13.3 | 41.0 | 3741.2 | 650.0 | 2.4 | -14.3 | 999.9 | 99.9 | 99.9 | 99.9 | 311.7 | 317.5 | 1.9 | 32.6 | 999.9 | 999.9 | | |
| 14.4 | 43.9 | 4276.4 | 625.0 | -0.7 | -15.1 | 999.9 | 99.9 | 99.9 | 99.9 | 311.7 | 318.1 | 2.1 | 43.1 | 999.9 | 999.9 | | |
| 15.5 | 46.7 | 4400.8 | 600.0 | -3.8 | -14.5 | 999.9 | 99.9 | 99.9 | 99.9 | 312.5 | 319.2 | 2.2 | 53.2 | 999.9 | 999.9 | | |
| 16.5 | 49.7 | 4735.3 | 575.0 | -6.4 | -15.4 | 999.9 | 99.9 | 99.9 | 99.9 | 316.5 | 318.3 | 0.6 | 18.5 | 999.9 | 999.9 | | |
| 17.3 | 52.7 | 5081.2 | 550.0 | -9.6 | -15.5 | 999.9 | 99.9 | 99.9 | 99.9 | 318.9 | 319.0 | 0.0 | 1.0 | 999.9 | 999.9 | | |
| 18.1 | 55.6 | 5439.5 | 525.0 | -9.9 | -45.8 | 999.9 | 99.9 | 99.9 | 99.9 | 319.3 | 319.4 | 0.0 | 1.7 | 999.9 | 999.9 | | |
| 20.5 | 58.9 | 5814.9 | 500.0 | -11.6 | -57.3 | 999.9 | 99.9 | 99.9 | 99.9 | 319.4 | 320.2 | 0.1 | 6.7 | 999.9 | 999.9 | | |
| 22.7 | 62.1 | 6205.0 | 475.0 | -15.1 | -55.3 | 999.9 | 99.9 | 99.9 | 99.9 | 321.7 | 321.8 | 0.0 | 1.4 | 999.9 | 999.9 | | |
| 23.5 | 65.4 | 6610.9 | 450.0 | -19.7 | -46.5 | 999.9 | 99.9 | 99.9 | 99.9 | 324.8 | 324.9 | 0.0 | 1.0 | 999.9 | 999.9 | | |
| 24.3 | 68.9 | 7034.0 | 425.0 | -21.3 | -62.1 | 999.9 | 99.9 | 99.9 | 99.9 | 325.6 | 325.9 | 0.1 | 8.3 | 999.9 | 999.9 | | |
| 26.3 | 72.4 | 7479.8 | 400.0 | -23.2 | -64.8 | 999.9 | 99.9 | 99.9 | 99.9 | 328.9 | 329.3 | 0.1 | 14.6 | 999.9 | 999.9 | | |
| 28.3 | 76.1 | 7948.4 | 375.0 | -27.2 | -51.0 | 999.9 | 99.9 | 99.9 | 99.9 | 330.3 | 330.6 | 0.1 | 15.8 | 999.9 | 999.9 | | |
| 30.1 | 79.9 | 8442.1 | 350.0 | -30.5 | -43.4 | 999.9 | 99.9 | 99.9 | 99.9 | 332.5 | 332.5 | 99.9 | 999.9 | 999.9 | 999.9 | | |
| 32.1 | 83.9 | 8964.7 | 325.0 | -34.7 | -52.3 | 999.9 | 99.9 | 99.9 | 99.9 | 334.0 | 334.0 | 99.9 | 999.9 | 999.9 | 999.9 | | |
| 34.2 | 89.0 | 9518.6 | 300.0 | -39.1 | -55.3 | 999.9 | 99.9 | 99.9 | 99.9 | 337.6 | 337.6 | 99.9 | 999.9 | 999.9 | 999.9 | | |
| 36.4 | 92.3 | 10108.3 | 275.0 | -44.6 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 347.3 | 347.3 | 99.9 | 999.9 | 999.9 | 999.9 | | |
| 38.6 | 96.8 | 10739.2 | 250.0 | -49.5 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 348.7 | 348.7 | 99.9 | 999.9 | 999.9 | 999.9 | | |
| 40.7 | 101.9 | 11421.7 | 225.0 | -55.1 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 362.2 | 362.2 | 99.9 | 999.9 | 999.9 | 999.9 | | |
| 43.7 | 107.0 | 12164.6 | 200.0 | -60.1 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 405.6 | 405.6 | 99.9 | 999.9 | 999.9 | 999.9 | | |
| 46.5 | 112.8 | 12993.4 | 175.0 | -62.2 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | | |
| 50.2 | 119.0 | 13955.6 | 150.0 | -58.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | | |
| 54.2 | 126.0 | 15097.6 | 125.0 | -62.3 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | | |
| 58.3 | 134.0 | 16462.0 | 100.0 | -63.2 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | | |
| 99.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | | |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | | |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | | |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 7
DURANT, OKLAHOMA
19 APRIL 1979
2005 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | QEN PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT V DG K | E POT V DG K | MX WTD GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.2 | 7.7 | 214.0 | 990.6 | 20.7 | 17.9 | 999.9 | 99.9 | 99.9 | 99.9 | 294.7 | 328.9 | 13.2 | 84.0 | 999.9 | 999.9 |
| 09.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.9 | 9.2 | 350.7 | 975.0 | 18.9 | 17.7 | 999.9 | 99.9 | 99.9 | 99.9 | 294.1 | 328.3 | 13.2 | 92.8 | 999.9 | 999.9 |
| 1.7 | 11.5 | 574.3 | 950.0 | 17.7 | 16.8 | 999.9 | 99.9 | 99.9 | 99.9 | 295.1 | 328.5 | 12.8 | 94.4 | 999.9 | 999.9 |
| 2.7 | 13.9 | 922.3 | 925.0 | 15.9 | 15.0 | 999.9 | 99.9 | 99.9 | 99.9 | 295.6 | 328.3 | 11.7 | 94.4 | 999.9 | 999.9 |
| 3.5 | 16.4 | 1035.6 | 900.0 | 14.9 | 14.0 | 999.9 | 99.9 | 99.9 | 99.9 | 296.9 | 326.6 | 11.3 | 94.4 | 999.9 | 999.9 |
| 4.5 | 18.4 | 1274.4 | 875.0 | 14.4 | 9.9 | 999.9 | 99.9 | 99.9 | 99.9 | 298.8 | 322.5 | 8.8 | 74.1 | 999.9 | 999.9 |
| 5.5 | 21.2 | 1520.0 | 850.0 | 14.3 | 10.3 | 999.9 | 99.9 | 99.9 | 99.9 | 301.1 | 326.4 | 9.3 | 77.1 | 999.9 | 999.9 |
| 6.5 | 23.7 | 1772.1 | 825.0 | 13.3 | 8.4 | 999.9 | 99.9 | 99.9 | 99.9 | 302.6 | 325.9 | 8.5 | 72.5 | 999.9 | 999.9 |
| 7.5 | 26.2 | 2031.0 | 800.0 | 11.8 | 7.9 | 999.9 | 99.9 | 99.9 | 99.9 | 303.7 | 327.0 | 8.4 | 77.2 | 999.9 | 999.9 |
| 8.4 | 28.7 | 2296.5 | 775.0 | 10.9 | 1.5 | 999.9 | 99.9 | 99.9 | 99.9 | 305.5 | 321.2 | 5.5 | 52.3 | 999.9 | 999.9 |
| 9.5 | 31.4 | 2559.8 | 750.0 | 9.8 | 1.9 | 999.9 | 99.9 | 99.9 | 99.9 | 307.2 | 324.1 | 5.9 | 56.1 | 999.9 | 999.9 |
| 10.5 | 34.0 | 2959.6 | 725.0 | 7.6 | -0.0 | 999.9 | 99.9 | 99.9 | 99.9 | 307.8 | 323.0 | 5.3 | 58.7 | 999.9 | 999.9 |
| 11.5 | 36.7 | 3139.9 | 700.0 | 6.8 | -1.2 | 999.9 | 99.9 | 99.9 | 99.9 | 310.0 | 324.7 | 5.0 | 56.7 | 999.9 | 999.9 |
| 12.7 | 39.4 | 3438.0 | 675.0 | 5.3 | -9.3 | 999.9 | 99.9 | 99.9 | 99.9 | 311.6 | 320.1 | 2.8 | 33.8 | 999.9 | 999.9 |
| 13.4 | 42.3 | 3745.0 | 650.0 | 2.8 | -13.2 | 999.9 | 99.9 | 99.9 | 99.9 | 312.2 | 318.8 | 2.1 | 29.5 | 999.9 | 999.9 |
| 14.7 | 45.1 | 4050.5 | 625.0 | -0.2 | -15.9 | 999.9 | 99.9 | 99.9 | 99.9 | 312.2 | 317.8 | 1.8 | 29.4 | 999.9 | 999.9 |
| 16.1 | 43.1 | 4185.0 | 600.0 | -3.4 | -15.0 | 999.9 | 99.9 | 99.9 | 99.9 | 312.2 | 318.4 | 2.0 | 40.2 | 999.9 | 999.9 |
| 17.5 | 51.1 | 4720.2 | 575.0 | -5.8 | -11.7 | 999.9 | 99.9 | 99.9 | 99.9 | 313.2 | 321.6 | 2.7 | 62.9 | 999.9 | 999.9 |
| 18.3 | 54.1 | 5066.7 | 550.0 | -7.9 | -24.6 | 999.9 | 99.9 | 99.9 | 99.9 | 314.7 | 317.8 | 0.9 | 26.8 | 999.9 | 999.9 |
| 20.2 | 57.3 | 5428.4 | 525.0 | -9.3 | -55.2 | 999.9 | 99.9 | 99.9 | 99.9 | 318.5 | 318.6 | 0.0 | 1.0 | 999.9 | 999.9 |
| 21.7 | 60.4 | 5424.2 | 500.0 | -12.1 | -57.6 | 999.9 | 99.9 | 99.9 | 99.9 | 318.3 | 318.4 | 0.0 | 1.0 | 999.9 | 999.9 |
| 23.7 | 63.7 | 6193.9 | 475.0 | -15.4 | -57.9 | 999.9 | 99.9 | 99.9 | 99.9 | 319.0 | 319.1 | 0.0 | 1.3 | 999.9 | 999.9 |
| 24.5 | 67.0 | 6600.5 | 450.0 | -17.0 | -60.7 | 999.9 | 99.9 | 99.9 | 99.9 | 321.9 | 322.0 | 0.0 | 1.0 | 999.9 | 999.9 |
| 26.7 | 70.4 | 7026.8 | 425.0 | -20.2 | -62.8 | 999.9 | 99.9 | 99.9 | 99.9 | 323.1 | 323.1 | 0.0 | 1.0 | 999.9 | 999.9 |
| 27.4 | 74.9 | 7472.2 | 400.0 | -24.0 | -65.2 | 999.9 | 99.9 | 99.9 | 99.9 | 323.8 | 323.9 | 0.0 | 1.0 | 999.9 | 999.9 |
| 29.4 | 77.7 | 7940.1 | 375.0 | -27.3 | -34.7 | 999.9 | 99.9 | 99.9 | 99.9 | 325.5 | 327.3 | 0.5 | 49.5 | 999.9 | 999.9 |
| 31.2 | 81.5 | 8433.4 | 350.0 | -31.0 | -39.9 | 999.9 | 99.9 | 99.9 | 99.9 | 326.9 | 328.2 | 0.3 | 41.1 | 999.9 | 999.9 |
| 33.1 | 85.5 | 8754.5 | 325.0 | -35.2 | -57.6 | 999.9 | 99.9 | 99.9 | 99.9 | 328.2 | 328.4 | 0.0 | 8.0 | 999.9 | 999.9 |
| 35.1 | 89.7 | 9506.2 | 300.0 | -40.2 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 328.7 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 37.5 | 94.2 | 10393.2 | 275.0 | -45.5 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 329.3 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 39.7 | 99.4 | 10721.0 | 250.0 | -51.1 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 330.2 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 42.4 | 103.9 | 11397.7 | 225.0 | -56.4 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 332.0 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 45.1 | 104.2 | 12138.0 | 200.0 | -61.3 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 335.6 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 48.3 | 115.0 | 12957.5 | 175.0 | -63.7 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 344.7 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 51.4 | 121.5 | 13715.1 | 150.0 | -60.4 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 366.1 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 56.1 | 128.7 | 15044.1 | 125.0 | -62.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 381.1 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 60.9 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 69.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 79.7 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 90.3 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 7
DURANT, OKLAHOMA

19 APRIL 1979
2305 GMT

131 101. 0

| TIME MIN | CNTCT | WEIGHT GPH | PRES WB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | L COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0-0 | 7-6 | 214.0 | 988.3 | 23.8 | 18.4 | 999.9 | 99.9 | 99.9 | 99.9 | 298.0 | 333.9 | 13.7 | 72.0 | 999.9 | 999.9 |
| 00.9 | 99.9 | 59.9 | 1008.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0-7 | 8-9 | 332.3 | 975.0 | 21.7 | 18.7 | 999.9 | 99.9 | 99.9 | 99.9 | 297.0 | 333.8 | 14.1 | 90.9 | 999.9 | 999.9 |
| 1-5 | 11-3 | 559.0 | 950.0 | 20.2 | 18.7 | 999.9 | 99.9 | 99.9 | 99.9 | 297.7 | 335.6 | 14.4 | 90.9 | 999.9 | 999.9 |
| 2-3 | 13-6 | 793.0 | 925.0 | 17.8 | 16.5 | 999.9 | 99.9 | 99.9 | 99.9 | 297.5 | 331.9 | 12.9 | 92.3 | 999.9 | 999.9 |
| 3-3 | 16-1 | 1022.6 | 900.0 | 16.8 | 15.3 | 999.9 | 99.9 | 99.9 | 99.9 | 298.8 | 331.7 | 12.4 | 92.0 | 999.9 | 999.9 |
| 4-7 | 18-6 | 1262.5 | 875.0 | 14.4 | 13.1 | 999.9 | 99.9 | 99.9 | 99.9 | 298.8 | 328.2 | 11.0 | 92.0 | 999.9 | 999.9 |
| 5-6 | 21-1 | 1507.9 | 850.0 | 13.8 | 12.6 | 999.9 | 99.9 | 99.9 | 99.9 | 300.6 | 329.9 | 10.9 | 92.7 | 999.9 | 999.9 |
| 6-7 | 23-6 | 1759.6 | 825.0 | 12.0 | 10.9 | 999.9 | 99.9 | 99.9 | 99.9 | 311.3 | 328.4 | 10.0 | 92.4 | 999.9 | 999.9 |
| 7-3 | 26-2 | 2017.4 | 800.0 | 10.8 | 9.6 | 999.9 | 99.9 | 99.9 | 99.9 | 302.6 | 328.5 | 9.4 | 92.4 | 999.9 | 999.9 |
| 8-3 | 28-7 | 2291.8 | 775.0 | 8.4 | 6.9 | 999.9 | 99.9 | 99.9 | 99.9 | 302.8 | 325.2 | 8.1 | 90.2 | 999.9 | 999.9 |
| 9-2 | 31-3 | 2553.1 | 750.0 | 7.8 | 4.7 | 999.9 | 99.9 | 99.9 | 99.9 | 305.1 | 325.2 | 7.2 | 83.6 | 999.9 | 999.9 |
| 10-3 | 34-1 | 2832.5 | 725.0 | 6.2 | 1.1 | 999.9 | 99.9 | 99.9 | 99.9 | 306.3 | 322.7 | 5.8 | 89.9 | 999.9 | 999.9 |
| 11-2 | 36-8 | 3120.0 | 700.0 | 5.3 | -1.1 | 999.9 | 99.9 | 99.9 | 99.9 | 308.4 | 323.1 | 5.1 | 63.5 | 999.9 | 999.9 |
| 12-4 | 39-6 | 3416.7 | 675.0 | 3.9 | -5.5 | 999.9 | 99.9 | 99.9 | 99.9 | 310.0 | 321.2 | 3.8 | 50.5 | 999.9 | 999.9 |
| 13-5 | 42-3 | 3722.2 | 650.0 | 1.6 | -13.2 | 999.9 | 99.9 | 99.9 | 99.9 | 310.8 | 317.4 | 2.1 | 32.2 | 999.9 | 999.9 |
| 14-7 | 45-2 | 4036.7 | 625.0 | -1.4 | -18.5 | 999.9 | 99.9 | 99.9 | 99.9 | 310.9 | 317.1 | 2.0 | 36.0 | 999.9 | 999.9 |
| 15-9 | 49-1 | 4360.3 | 600.0 | -3.8 | -13.8 | 999.9 | 99.9 | 99.9 | 99.9 | 311.8 | 318.5 | 2.2 | 45.5 | 999.9 | 999.9 |
| 17-4 | 51-1 | 4595.1 | 575.0 | -5.9 | -16.6 | 999.9 | 99.9 | 99.9 | 99.9 | 313.1 | 319.7 | 2.2 | 50.6 | 999.9 | 999.9 |
| 19-2 | 54-3 | 5043.3 | 550.0 | -6.3 | -46.5 | 999.9 | 99.9 | 99.9 | 99.9 | 316.7 | 317.1 | 0.1 | 2.6 | 999.9 | 999.9 |
| 20-1 | 57-4 | 5428.0 | 525.0 | -8.3 | -55.2 | 999.9 | 99.9 | 99.9 | 99.9 | 318.5 | 318.6 | 0.0 | 1.0 | 999.9 | 999.9 |
| 21-4 | 60-6 | 5792.1 | 500.0 | -11.4 | -49.4 | 999.9 | 99.9 | 99.9 | 99.9 | 319.1 | 319.5 | 0.1 | 3.1 | 999.9 | 999.9 |
| 22-7 | 64-0 | 6172.9 | 475.0 | -14.6 | -50.2 | 999.9 | 99.9 | 99.9 | 99.9 | 319.9 | 320.0 | 0.0 | 1.0 | 999.9 | 999.9 |
| 24-1 | 67-3 | 6590.7 | 450.0 | -17.0 | -60.7 | 999.9 | 99.9 | 99.9 | 99.9 | 321.9 | 322.0 | 0.0 | 1.0 | 999.9 | 999.9 |
| 25-4 | 70-7 | 7006.8 | 425.0 | -20.3 | -62.8 | 999.9 | 99.9 | 99.9 | 99.9 | 323.0 | 323.1 | 0.0 | 1.0 | 999.9 | 999.9 |
| 27-5 | 74-3 | 7457.1 | 400.0 | -23.5 | -36.1 | 999.9 | 99.9 | 99.9 | 99.9 | 324.4 | 326.0 | 0.4 | 31.9 | 999.9 | 999.9 |
| 29-3 | 78-1 | 7921.1 | 375.0 | -27.5 | -30.2 | 999.9 | 99.9 | 99.9 | 99.9 | 325.2 | 328.0 | 0.8 | 77.4 | 999.9 | 999.9 |
| 31-1 | 82-0 | 8413.4 | 350.0 | -31.3 | -38.0 | 999.9 | 99.9 | 99.9 | 99.9 | 326.5 | 328.0 | 0.4 | 51.2 | 999.9 | 999.9 |
| 33-7 | 86-0 | 8933.6 | 325.0 | -35.3 | -43.6 | 999.9 | 99.9 | 99.9 | 99.9 | 328.0 | 328.9 | 0.2 | 41.8 | 999.9 | 999.9 |
| 35-3 | 90-3 | 9493.8 | 300.0 | -40.0 | -49.9 | 999.9 | 99.9 | 99.9 | 99.9 | 329.0 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 37-3 | 94-4 | 10073.3 | 275.0 | -45.1 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 329.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 39-4 | 99-6 | 12701.7 | 250.0 | -51.2 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 330.0 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 41-9 | 104-6 | 11380.2 | 225.0 | -55.3 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 333.7 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 45-2 | 110-0 | 12121.3 | 200.0 | -60.8 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 336.5 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 49-3 | 116-0 | 12943.9 | 175.0 | -63.0 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 345.0 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 51-7 | 122-3 | 13933.7 | 150.0 | -61.0 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 345.0 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 55-8 | 129-3 | 15019.4 | 125.0 | -65.1 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 377.1 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 59-9 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99-9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99-9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99-9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

SECTION NO. 7
DURANT, OMAHA
20 APRIL 1979
00Z GMT

| TIME MIN | CNCT | HEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | COMP M/SEC | V COMP M/SEC | POT T DEG K | E POT T DEG K | MX RTO CM/KG | RM PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|---------------|-----------------|----------------|------------------|-----------------|-----------|-------------|-----------|
| 0.0 | 6.5 | 214.0 | 988.0 | 1.2 | 17.6 | 99.9 | 74.9 | 99.9 | 99.9 | 292.4 | 325.6 | 12.9 | 96.0 | 999.9 | 999.9 |
| 00.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.4 | 8.6 | 327.8 | 975.0 | 17.7 | 10.1 | 999.9 | 99.9 | 99.9 | 99.9 | 292.6 | 324.2 | 12.2 | 94.0 | 999.9 | 999.9 |
| 1.1 | 8.6 | 550.0 | 950.0 | 16.3 | 15.7 | 999.9 | 99.9 | 99.9 | 99.9 | 293.9 | 325.0 | 11.9 | 95.1 | 999.9 | 999.9 |
| 1.4 | 10.9 | 777.6 | 925.0 | 15.7 | 15.2 | 999.9 | 99.9 | 99.9 | 99.9 | 295.4 | 325.7 | 11.6 | 94.5 | 999.9 | 999.9 |
| 2.6 | 13.2 | 1010.3 | 900.0 | 14.3 | 12.2 | 999.9 | 99.9 | 99.9 | 99.9 | 296.1 | 326.3 | 10.7 | 94.4 | 999.9 | 999.9 |
| 3.4 | 15.4 | 1249.3 | 875.0 | 13.4 | 10.2 | 999.9 | 99.9 | 99.9 | 99.9 | 298.1 | 318.9 | 7.7 | 68.6 | 999.9 | 999.9 |
| 4.1 | 17.7 | 1474.1 | 850.0 | 15.9 | 8.7 | 999.9 | 99.9 | 99.9 | 99.9 | 302.9 | 324.9 | 6.0 | 59.2 | 999.9 | 999.9 |
| 5.1 | 27.0 | 1747.2 | 825.0 | 15.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 305.4 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 6.4 | 22.3 | 2178.3 | 800.0 | 14.3 | 5.4 | 999.9 | 99.9 | 99.9 | 99.9 | 306.4 | 326.4 | 7.1 | 55.0 | 999.9 | 999.9 |
| 7.5 | 24.6 | 2275.4 | 775.0 | 11.4 | 3.5 | 999.9 | 99.9 | 99.9 | 99.9 | 306.0 | 324.6 | 6.6 | 60.2 | 999.9 | 999.9 |
| 8.5 | 27.0 | 2549.8 | 750.0 | 9.1 | 3.3 | 999.9 | 99.9 | 99.9 | 99.9 | 306.5 | 325.0 | 6.5 | 66.9 | 999.9 | 999.9 |
| 9.4 | 29.5 | 2829.4 | 725.0 | 7.1 | 0.4 | 999.9 | 99.9 | 99.9 | 99.9 | 307.3 | 322.9 | 5.4 | 62.2 | 999.9 | 999.9 |
| 10.4 | 32.0 | 3117.0 | 700.0 | 4.7 | -1.5 | 999.9 | 99.9 | 99.9 | 99.9 | 307.8 | 321.9 | 4.9 | 63.6 | 999.9 | 999.9 |
| 12.1 | 34.5 | 3413.1 | 675.0 | 2.8 | -0.8 | 999.9 | 99.9 | 99.9 | 99.9 | 308.8 | 324.3 | 5.4 | 76.9 | 999.9 | 999.9 |
| 13.4 | 37.0 | 3717.8 | 650.0 | 0.9 | -0.6 | 999.9 | 99.9 | 99.9 | 99.9 | 310.0 | 326.5 | 5.7 | 89.8 | 999.9 | 999.9 |
| 15.1 | 39.6 | 4013.2 | 625.0 | -0.8 | -2.0 | 999.9 | 99.9 | 99.9 | 99.9 | 311.5 | 327.0 | 5.3 | 91.7 | 999.9 | 999.9 |
| 16.4 | 42.3 | 4354.8 | 600.0 | -2.9 | -4.1 | 999.9 | 99.9 | 99.9 | 99.9 | 312.8 | 326.6 | 4.7 | 91.7 | 999.9 | 999.9 |
| 17.3 | 45.0 | 4695.2 | 575.0 | -4.7 | -5.9 | 999.9 | 99.9 | 99.9 | 99.9 | 314.5 | 327.3 | 4.3 | 91.4 | 999.9 | 999.9 |
| 19.1 | 47.7 | 5044.5 | 550.0 | -7.8 | -7.9 | 999.9 | 99.9 | 99.9 | 99.9 | 316.1 | 327.7 | 3.8 | 91.3 | 999.9 | 999.9 |
| 20.3 | 50.5 | 5407.3 | 525.0 | -9.2 | -9.3 | 999.9 | 99.9 | 99.9 | 99.9 | 318.6 | 329.7 | 3.6 | 91.3 | 999.9 | 999.9 |
| 22.1 | 53.4 | 5785.4 | 500.0 | -10.4 | -11.6 | 999.9 | 99.9 | 99.9 | 99.9 | 320.4 | 330.3 | 3.2 | 91.0 | 999.9 | 999.9 |
| 24.4 | 56.4 | 6177.9 | 475.0 | -13.8 | -15.2 | 999.9 | 99.9 | 99.9 | 99.9 | 320.9 | 328.7 | 2.5 | 89.2 | 999.9 | 999.9 |
| 24.4 | 59.4 | 6597.3 | 450.0 | -16.2 | -17.8 | 999.9 | 99.9 | 99.9 | 99.9 | 322.9 | 329.7 | 2.1 | 87.4 | 999.9 | 999.9 |
| 26.5 | 62.5 | 7215.8 | 425.0 | -19.4 | -22.6 | 999.9 | 99.9 | 99.9 | 99.9 | 324.2 | 329.1 | 1.5 | 75.7 | 999.9 | 999.9 |
| 28.1 | 65.8 | 7464.5 | 400.0 | -21.4 | -26.3 | 999.9 | 99.9 | 99.9 | 99.9 | 326.7 | 330.5 | 1.1 | 66.7 | 999.9 | 999.9 |
| 30.1 | 69.1 | 7735.4 | 375.0 | -26.3 | -28.4 | 999.9 | 99.9 | 99.9 | 99.9 | 326.8 | 330.1 | 1.0 | 82.7 | 999.9 | 999.9 |
| 32.3 | 72.6 | 8030.5 | 350.0 | -30.5 | -34.2 | 999.9 | 99.9 | 99.9 | 99.9 | 327.6 | 329.7 | 0.6 | 79.0 | 999.9 | 999.9 |
| 34.5 | 76.1 | 8353.8 | 325.0 | -34.3 | -39.5 | 999.9 | 99.9 | 99.9 | 99.9 | 329.5 | 330.8 | 0.4 | 58.1 | 999.9 | 999.9 |
| 36.7 | 79.9 | 8508.7 | 300.0 | -38.6 | -42.6 | 999.9 | 99.9 | 99.9 | 99.9 | 330.9 | 332.0 | 0.3 | 65.5 | 999.9 | 999.9 |
| 38.4 | 83.8 | 8599.8 | 275.0 | -43.7 | -49.9 | 999.9 | 99.9 | 99.9 | 99.9 | 331.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 43.3 | 88.0 | 12734.5 | 250.0 | -47.4 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 335.0 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 46.7 | 92.3 | 11421.6 | 225.0 | -53.1 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 337.2 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 50.7 | 97.0 | 12169.3 | 200.0 | -59.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 337.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 53.7 | 107.4 | 12398.8 | 175.0 | -64.0 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 344.4 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 57.7 | 107.5 | 13440.7 | 150.0 | -63.5 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 340.7 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 61.3 | 113.7 | 15067.7 | 125.0 | -67.7 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 345.1 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 69.7 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.7 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.7 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 7
DURANT, OKLAHOMA

20 APRIL 1979
1105 GMT

129 100. 0

| TIME MIN | CNCT | WEIGHT GPM | PRES IN | TEMP DEG C | DEV PT DEG C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DEG K | E POT T DEG K | MX RTO CM/KG | RH PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|-----------------|-----------|-------------|-----------|
| 0-0 | 6-9 | 214-0 | 988-8 | 21-0 | 17-6 | 99-9 | 99-9 | 99-9 | 99-9 | 295-1 | 328-9 | 13-0 | 81-0 | 999-9 | 999-9 |
| 00-0 | 99-9 | 99-9 | 1000-0 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 999-9 | 99-9 | 99-9 | 999-9 | 999-9 |
| 0-5 | 8-2 | 335-1 | 975-0 | 17-1 | 15-9 | 99-9 | 99-9 | 99-9 | 99-9 | 292-4 | 322-8 | 11-8 | 92-3 | 999-9 | 999-9 |
| 1-4 | 10-5 | 557-1 | 957-0 | 16-0 | 14-8 | 99-9 | 99-9 | 99-9 | 99-9 | 293-5 | 322-7 | 11-2 | 92-3 | 999-9 | 999-9 |
| 2-4 | 12-9 | 743-9 | 922-0 | 14-7 | 13-5 | 99-9 | 99-9 | 99-9 | 99-9 | 294-3 | 322-1 | 10-6 | 92-5 | 999-9 | 999-9 |
| 3-3 | 15-3 | 1216-1 | 900-0 | 14-1 | 13-0 | 99-9 | 99-9 | 99-9 | 99-9 | 296-1 | 323-9 | 10-5 | 92-5 | 999-9 | 999-9 |
| 4-2 | 17-7 | 1256-2 | 875-0 | 12-8 | 11-4 | 99-9 | 99-9 | 99-9 | 99-9 | 297-1 | 323-0 | 9-7 | 90-9 | 999-9 | 999-9 |
| 5-1 | 20-1 | 1497-8 | 850-0 | 12-2 | 8-1 | 99-9 | 99-9 | 99-9 | 99-9 | 298-9 | 320-6 | 8-8 | 76-0 | 999-9 | 999-9 |
| 6-1 | 22-6 | 1748-5 | 825-0 | 12-0 | 4-8 | 99-9 | 99-9 | 99-9 | 99-9 | 301-3 | 318-6 | 6-2 | 58-1 | 999-9 | 999-9 |
| 7-2 | 25-1 | 2236-7 | 800-0 | 12-7 | 3-8 | 99-9 | 99-9 | 99-9 | 99-9 | 304-7 | 322-5 | 4-3 | 54-5 | 999-9 | 999-9 |
| 8-2 | 27-5 | 2273-4 | 775-0 | 12-0 | 4-0 | 99-9 | 99-9 | 99-9 | 99-9 | 306-7 | 325-5 | 6-6 | 59-1 | 999-9 | 999-9 |
| 9-2 | 30-2 | 2546-2 | 750-0 | 9-3 | 0-8 | 99-9 | 99-9 | 99-9 | 99-9 | 305-6 | 321-1 | 5-4 | 58-8 | 999-9 | 999-9 |
| 10-3 | 32-9 | 2925-0 | 725-0 | 6-9 | 0-0 | 99-9 | 99-9 | 99-9 | 99-9 | 307-1 | 322-3 | 5-3 | 61-5 | 999-9 | 999-9 |
| 11-5 | 35-6 | 3112-8 | 700-0 | 3-9 | -1-9 | 99-9 | 99-9 | 99-9 | 99-9 | 308-8 | 328-6 | 4-8 | 65-8 | 999-9 | 999-9 |
| 12-1 | 38-2 | 3407-8 | 675-0 | 2-7 | -4-3 | 99-9 | 99-9 | 99-9 | 99-9 | 308-7 | 320-6 | 4-1 | 59-9 | 999-9 | 999-9 |
| 13-1 | 41-0 | 3712-5 | 650-0 | 1-4 | -3-1 | 99-9 | 99-9 | 99-9 | 99-9 | 310-6 | 324-4 | 4-7 | 71-6 | 999-9 | 999-9 |
| 14-2 | 43-9 | 4027-0 | 625-0 | -1-5 | -2-9 | 99-9 | 99-9 | 99-9 | 99-9 | 310-7 | 325-3 | 5-0 | 90-5 | 999-9 | 999-9 |
| 15-1 | 46-8 | 4331-2 | 600-0 | -4-1 | -5-0 | 99-9 | 99-9 | 99-9 | 99-9 | 311-4 | 324-4 | 4-4 | 93-6 | 999-9 | 999-9 |
| 16-3 | 49-8 | 4636-0 | 575-0 | -6-2 | -7-1 | 99-9 | 99-9 | 99-9 | 99-9 | 312-7 | 324-4 | 3-9 | 93-3 | 999-9 | 999-9 |
| 17-5 | 52-9 | 5033-4 | 550-0 | -9-1 | -9-1 | 99-9 | 99-9 | 99-9 | 99-9 | 314-5 | 325-2 | 3-5 | 92-5 | 999-9 | 999-9 |
| 18-7 | 55-9 | 5394-1 | 525-0 | -7-3 | -10-2 | 99-9 | 99-9 | 99-9 | 99-9 | 317-3 | 327-6 | 3-3 | 92-7 | 999-9 | 999-9 |
| 19-0 | 58-0 | 5779-4 | 500-0 | -11-4 | -12-4 | 99-9 | 99-9 | 99-9 | 99-9 | 319-1 | 328-3 | 2-8 | 92-2 | 999-9 | 999-9 |
| 20-5 | 62-1 | 6142-1 | 475-0 | -13-4 | -15-5 | 99-9 | 99-9 | 99-9 | 99-9 | 320-2 | 327-8 | 2-4 | 90-9 | 999-9 | 999-9 |
| 21-9 | 65-6 | 6570-2 | 450-0 | -17-3 | -18-8 | 99-9 | 99-9 | 99-9 | 99-9 | 321-5 | 327-6 | 1-9 | 87-9 | 999-9 | 999-9 |
| 22-4 | 69-0 | 6976-0 | 425-0 | -20-5 | -22-2 | 99-9 | 99-9 | 99-9 | 99-9 | 322-7 | 327-6 | 1-5 | 88-0 | 999-9 | 999-9 |
| 23-9 | 72-4 | 7482-2 | 400-0 | -24-1 | -26-4 | 99-9 | 99-9 | 99-9 | 99-9 | 323-7 | 327-5 | 1-1 | 81-1 | 999-9 | 999-9 |
| 24-3 | 76-1 | 7909-6 | 375-0 | -27-7 | -30-6 | 99-9 | 99-9 | 99-9 | 99-9 | 324-9 | 327-6 | 0-8 | 78-4 | 999-9 | 999-9 |
| 25-1 | 79-9 | 8401-6 | 350-0 | -31-9 | -35-7 | 99-9 | 99-9 | 99-9 | 99-9 | 325-7 | 327-5 | 0-5 | 69-0 | 999-9 | 999-9 |
| 26-1 | 83-9 | 9020-8 | 325-0 | -35-9 | -40-0 | 99-9 | 99-9 | 99-9 | 99-9 | 327-2 | 328-5 | 0-4 | 65-5 | 999-9 | 999-9 |
| 27-4 | 88-0 | 9471-7 | 300-0 | -40-6 | -44-3 | 99-9 | 99-9 | 99-9 | 99-9 | 328-2 | 328-5 | 0-9 | 60-9 | 999-9 | 999-9 |
| 28-9 | 92-3 | 10599-9 | 275-0 | -44-3 | -49-6 | 99-9 | 99-9 | 99-9 | 99-9 | 331-1 | 328-5 | 0-9 | 57-9 | 999-9 | 999-9 |
| 29-0 | 97-1 | 10691-0 | 250-0 | -49-6 | -53-0 | 99-9 | 99-9 | 99-9 | 99-9 | 332-3 | 328-5 | 0-9 | 54-9 | 999-9 | 999-9 |
| 30-4 | 101-1 | 11374-0 | 225-0 | -53-0 | -58-0 | 99-9 | 99-9 | 99-9 | 99-9 | 334-3 | 328-5 | 0-9 | 51-9 | 999-9 | 999-9 |
| 31-9 | 105-9 | 12115-4 | 200-0 | -61-3 | -64-0 | 99-9 | 99-9 | 99-9 | 99-9 | 335-7 | 328-5 | 0-9 | 48-9 | 999-9 | 999-9 |
| 32-4 | 110-9 | 12334-5 | 175-0 | -64-0 | -68-0 | 99-9 | 99-9 | 99-9 | 99-9 | 336-4 | 328-5 | 0-9 | 45-9 | 999-9 | 999-9 |
| 33-9 | 115-8 | 13031-3 | 150-0 | -68-2 | -72-0 | 99-9 | 99-9 | 99-9 | 99-9 | 338-4 | 328-5 | 0-9 | 42-9 | 999-9 | 999-9 |
| 34-3 | 120-0 | 15022-2 | 125-0 | -61-1 | -76-0 | 99-9 | 99-9 | 99-9 | 99-9 | 340-6 | 328-5 | 0-9 | 39-9 | 999-9 | 999-9 |
| 35-6 | 134-0 | 16393-2 | 100-0 | -65-1 | -80-9 | 99-9 | 99-9 | 99-9 | 99-9 | 342-9 | 328-5 | 0-9 | 36-9 | 999-9 | 999-9 |
| 36-9 | 99-9 | 99-9 | 75-0 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 999-9 | 99-9 | 99-9 | 999-9 | 999-9 |
| 37-9 | 99-9 | 99-9 | 50-0 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 999-9 | 99-9 | 99-9 | 999-9 | 999-9 |
| 38-9 | 99-9 | 99-9 | 25-0 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 999-9 | 99-9 | 99-9 | 999-9 | 999-9 |

BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 8
PORT SMITH, ARKANSAS

19 APRIL 1979
1105 GMT

| TIME H/M | CNTCT | HEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DEG K | E POT T DEG K | MX RTO CM/KG | RM PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|-----------------|-----------|-------------|-----------|
| 0.0 | 6.6 | 144.0 | 1501.2 | 12.8 | 12.2 | 0.1 | 0.0 | 0.0 | 0.0 | 285.9 | 308.7 | 9.0 | 98.0 | 128 | 113.0 |
| 0.1 | 6.7 | 154.1 | 1000.0 | 13.2 | 12.5 | 34.0 | 2.7 | -1.5 | -2.2 | 288.4 | 309.7 | 9.2 | 95.3 | 0.0 | 0.0 |
| 0.2 | 9.1 | 369.8 | 975.0 | 17.5 | 12.0 | 128.2 | 9.6 | -7.6 | 6.0 | 292.8 | 310.6 | 9.1 | 69.9 | 0.1 | 332.0 |
| 0.3 | 11.5 | 592.1 | 950.0 | 17.0 | 9.2 | 155.9 | 8.9 | -3.6 | 8.1 | 294.4 | 315.1 | 7.8 | 60.3 | 0.4 | 279.0 |
| 1.4 | 13.9 | 319.0 | 925.0 | 15.7 | 7.0 | 176.1 | 10.4 | -0.7 | 10.4 | 295.3 | 313.7 | 6.8 | 56.2 | 1.3 | 370.0 |
| 3.4 | 16.4 | 1751.6 | 900.0 | 15.2 | 3.5 | 181.8 | 10.1 | 0.4 | 14.1 | 297.2 | 312.3 | 5.5 | 45.5 | 1.9 | 335.0 |
| 4.7 | 18.9 | 1259.0 | 875.0 | 13.7 | 3.6 | 182.6 | 10.4 | 0.7 | 16.4 | 298.0 | 313.7 | 5.7 | 50.5 | 2.7 | 303.0 |
| 5.6 | 21.4 | 1533.4 | 850.0 | 12.3 | 4.5 | 195.8 | 12.5 | 1.6 | 15.9 | 299.1 | 316.2 | 6.2 | 58.9 | 3.6 | 369.0 |
| 6.6 | 24.0 | 1793.1 | 825.0 | 10.6 | 4.0 | 195.7 | 12.5 | 1.2 | 14.4 | 299.8 | 317.0 | 6.2 | 63.6 | 4.4 | 352.0 |
| 7.5 | 26.6 | 2039.7 | 800.0 | 9.9 | 3.4 | 178.7 | 10.0 | -0.5 | 1.4 | 301.7 | 318.8 | 6.1 | 63.9 | 5.1 | 353.0 |
| 8.6 | 29.2 | 2332.8 | 775.0 | 7.7 | 5.7 | 161.7 | 5.3 | -1.7 | 1.1 | 302.1 | 322.7 | 7.4 | 66.8 | 5.4 | 353.0 |
| 9.6 | 31.9 | 2573.2 | 750.0 | 6.7 | 3.0 | 186.9 | 3.6 | 0.4 | 3.6 | 303.9 | 321.7 | 6.4 | 77.3 | 5.8 | 353.0 |
| 10.7 | 34.4 | 2951.4 | 725.0 | 5.1 | 1.6 | 229.6 | 2.5 | 1.9 | 1.6 | 305.1 | 320.0 | 6.0 | 77.9 | 5.9 | 354.0 |
| 11.5 | 37.3 | 3133.6 | 700.0 | 5.1 | -3.3 | 286.0 | 2.8 | 2.7 | -0.8 | 308.2 | 320.8 | 4.3 | 54.5 | 5.9 | 355.0 |
| 12.8 | 40.1 | 3436.3 | 675.0 | 2.5 | -3.6 | 294.8 | 3.4 | 3.1 | -1.4 | 308.4 | 321.1 | 4.3 | 64.1 | 5.8 | 357.0 |
| 14.2 | 42.9 | 3739.2 | 650.0 | -1.1 | -6.4 | 284.3 | 2.5 | 2.4 | -0.6 | 308.8 | 319.6 | 3.6 | 62.4 | 5.7 | 359.0 |
| 15.2 | 45.8 | 451.6 | 625.0 | -2.4 | -6.9 | 285.2 | 1.0 | 1.0 | 0.1 | 309.8 | 320.6 | 3.6 | 70.7 | 5.7 | 0.0 |
| 16.4 | 48.9 | 4374.3 | 600.0 | -5.0 | -10.5 | 299.1 | 1.5 | 1.3 | -0.7 | 310.4 | 319.0 | 2.9 | 65.1 | 5.7 | 1.0 |
| 17.8 | 51.8 | 4707.9 | 575.0 | -7.4 | -14.5 | 315.5 | 1.5 | 1.0 | -1.0 | 311.3 | 318.0 | 2.2 | 56.4 | 5.6 | 2.0 |
| 19.0 | 54.9 | 5552.2 | 550.0 | -10.5 | -19.1 | 306.1 | 2.6 | 2.1 | -1.5 | 311.6 | 316.5 | 1.5 | 49.2 | 5.5 | 3.0 |
| 20.5 | 58.0 | 5478.8 | 525.0 | -12.8 | -32.3 | 292.7 | 4.0 | 3.7 | -1.5 | 313.1 | 314.7 | 0.5 | 17.6 | 5.3 | 6.0 |
| 21.4 | 61.3 | 5790.2 | 500.0 | -14.5 | -59.1 | 285.6 | 5.3 | 5.1 | -1.4 | 315.3 | 315.4 | 0.0 | 1.0 | 5.3 | 9.0 |
| 23.2 | 64.1 | 6167.5 | 475.0 | -16.5 | -60.4 | 270.0 | 7.1 | 7.1 | 0.0 | 317.6 | 317.6 | 0.0 | 1.0 | 5.3 | 15.0 |
| 24.5 | 67.9 | 6570.9 | 450.0 | -20.2 | -62.8 | 274.0 | 7.5 | 7.5 | -0.5 | 317.9 | 318.0 | 0.0 | 1.0 | 5.5 | 21.0 |
| 26.3 | 71.3 | 6991.7 | 425.0 | -23.4 | -64.9 | 280.5 | 7.6 | 7.7 | -1.4 | 319.0 | 319.0 | 0.0 | 1.0 | 5.7 | 28.0 |
| 28.1 | 74.9 | 7432.1 | 400.0 | -26.8 | -67.1 | 271.1 | 9.0 | 9.0 | -0.2 | 320.1 | 320.2 | 0.0 | 1.0 | 6.1 | 37.0 |
| 29.9 | 78.7 | 7874.5 | 375.0 | -30.4 | -69.5 | 260.9 | 9.8 | 9.7 | 1.6 | 321.3 | 321.4 | 0.0 | 1.0 | 6.8 | 43.0 |
| 31.6 | 82.5 | 8391.4 | 350.0 | -34.0 | -71.8 | 267.2 | 11.8 | 11.8 | 0.6 | 322.9 | 322.9 | 0.0 | 1.0 | 7.8 | 48.0 |
| 33.4 | 86.5 | 8896.6 | 325.0 | -37.6 | -74.2 | 276.7 | 12.2 | 12.1 | -1.4 | 324.9 | 324.9 | 0.0 | 1.0 | 6.8 | 55.0 |
| 35.3 | 90.7 | 9444.6 | 300.0 | -41.1 | 99.1 | 268.3 | 14.8 | 14.8 | 0.4 | 327.4 | 327.4 | 99.9 | 99.9 | 10.2 | 61.0 |
| 38.4 | 95.2 | 10329.7 | 275.0 | -46.0 | 99.9 | 272.5 | 16.5 | 16.5 | -0.7 | 328.7 | 328.7 | 99.9 | 99.9 | 12.4 | 66.0 |
| 41.1 | 99.8 | 10637.8 | 250.0 | -50.5 | 99.9 | 273.9 | 19.8 | 19.8 | -1.3 | 331.1 | 331.1 | 99.9 | 99.9 | 15.0 | 71.0 |
| 43.7 | 104.8 | 11337.5 | 225.0 | -55.4 | 99.9 | 273.5 | 22.3 | 22.2 | -1.4 | 333.6 | 333.6 | 99.9 | 99.9 | 18.2 | 75.0 |
| 46.5 | 110.0 | 12090.2 | 200.0 | -59.2 | 99.9 | 274.4 | 19.5 | 19.5 | -1.5 | 339.0 | 339.0 | 99.9 | 99.9 | 21.9 | 79.0 |
| 50.0 | 116.0 | 12708.1 | 175.0 | -64.0 | 99.9 | 259.7 | 20.7 | 20.7 | 0.1 | 344.4 | 344.4 | 99.9 | 99.9 | 25.2 | 80.0 |
| 53.9 | 122.1 | 13481.4 | 150.0 | -69.8 | 99.9 | 271.2 | 23.7 | 23.6 | -0.5 | 367.1 | 367.1 | 99.9 | 99.9 | 31.1 | 83.0 |
| 58.3 | 129.3 | 14988.2 | 125.0 | -82.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 381.6 | 381.6 | 99.9 | 99.9 | 36.0 | 83.0 |
| 99.9 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

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STATION NO. 6
FORT SMITH, ARKANSAS
19 APRIL 1979
1405 GMT

| TIME M | CNTCT | HEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | J COMP M/SEC | V COMP M/SEC | POT T DEG K | E POT T DEG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DEG |
|-----------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|-----------------|-----------|-------------|-----------|
| 0-0 | 6-5 | 1-4-0 | 1001.5 | 16.2 | 14.7 | 110.0 | 2.1 | -2.0 | 0.7 | 289.2 | 316.4 | 10.6 | 91.0 | 0.0 | 0.0 |
| 0-1 | 6-6 | 156.9 | 1000.0 | 16.6 | 15.2 | 116.5 | 3.5 | -3.2 | 1.6 | 289.8 | 317.9 | 11.0 | 91.2 | 0.1 | 334. |
| 0-7 | 9-0 | 373.4 | 975.0 | 17.4 | 99.9 | 138.5 | 7.6 | -5.2 | 5.9 | 292.7 | 999.9 | 99.9 | 999.9 | 0.3 | 278. |
| 1-7 | 11.4 | 595.4 | 950.0 | 17.7 | 10.3 | 157.2 | 7.6 | -3.0 | 7.0 | 295.2 | 317.4 | 8.3 | 61.8 | 0.7 | 307. |
| 2-7 | 13.6 | 823.1 | 925.0 | 16.3 | 8.8 | 173.0 | 12.3 | -1.0 | 8.2 | 296.0 | 316.7 | 7.7 | 61.2 | 1.1 | 322. |
| 3-6 | 16-2 | 1056.2 | 900.0 | 15.6 | 10.5 | 175.7 | 12.3 | -0.9 | 12.3 | 297.5 | 321.5 | 9.0 | 72.0 | 1.5 | 333. |
| 4-6 | 18-7 | 1294.8 | 875.0 | 14.6 | 4.5 | 178.0 | 13.0 | -0.4 | 13.0 | 299.0 | 315.6 | 6.0 | 50.4 | 2.3 | 341. |
| 5-6 | 21-2 | 1540.0 | 850.0 | 13.9 | 7.6 | 190.8 | 10.2 | 1.9 | 10.0 | 300.7 | 321.0 | 7.8 | 65.9 | 3.0 | 348. |
| 6-6 | 23-7 | 1791.8 | 825.0 | 13.1 | 6.6 | 199.1 | 8.1 | 2.7 | 7.7 | 302.5 | 323.1 | 7.4 | 64.4 | 3.4 | 351. |
| 7-7 | 26-3 | 2050.4 | 800.0 | 11.7 | 6.2 | 188.5 | 8.0 | 1.2 | 7.9 | 303.7 | 324.4 | 7.5 | 68.7 | 3.9 | 354. |
| 8-7 | 29-9 | 2315.3 | 775.0 | 9.4 | 5.3 | 183.8 | 5.9 | 0.4 | 5.9 | 303.9 | 324.0 | 7.3 | 75.6 | 4.3 | 355. |
| 9-9 | 31.4 | 2586.9 | 750.0 | 7.5 | 4.1 | 170.7 | 5.8 | -0.9 | 5.7 | 304.7 | 324.0 | 6.9 | 79.3 | 4.7 | 355. |
| 10-9 | 34.1 | 2845.8 | 725.0 | 6.1 | 2.1 | 159.9 | 4.4 | -1.5 | 4.1 | 305.2 | 323.7 | 6.2 | 75.3 | 5.0 | 354. |
| 11-7 | 36-9 | 3154.1 | 700.0 | 6.0 | -0.9 | 197.2 | 1.9 | 0.6 | 1.8 | 309.0 | 323.1 | 5.1 | 61.2 | 5.2 | 354. |
| 12-3 | 38.3 | 3450.9 | 675.0 | 3.0 | -2.3 | 245.9 | 3.7 | 1.6 | 0.7 | 309.0 | 321.6 | 3.7 | 57.7 | 5.3 | 355. |
| 13-1 | 40.3 | 3756.0 | 650.0 | 1.3 | -6.1 | 258.5 | 1.1 | 3.0 | 0.6 | 310.4 | 321.6 | 2.6 | 55.3 | 5.3 | 360. |
| 14-3 | 42.3 | 4070.4 | 625.0 | -1.6 | -7.4 | 254.8 | 4.4 | 4.2 | 1.1 | 310.6 | 321.1 | 3.5 | 55.3 | 5.5 | 3. |
| 15-5 | 45.3 | 4304.1 | 600.0 | -4.0 | -11.6 | 245.0 | 4.3 | 3.9 | 1.8 | 312.1 | 999.9 | 99.9 | 999.9 | 5.6 | 6. |
| 16-3 | 48.1 | 4728.3 | 575.0 | -6.7 | 99.9 | 235.7 | 2.8 | 2.3 | 1.6 | 313.9 | 999.9 | 99.9 | 999.9 | 5.8 | 7. |
| 18-2 | 51.1 | 5074.0 | 550.0 | -8.6 | 99.9 | 224.2 | 3.1 | 2.1 | 2.2 | 315.3 | 999.9 | 99.9 | 999.9 | 6.0 | 9. |
| 19-4 | 54.1 | 5433.0 | 525.0 | -11.0 | 99.9 | 233.0 | 3.7 | 3.0 | 0.4 | 316.9 | 317.1 | 0.2 | 8.2 | 6.2 | 11. |
| 20-2 | 57.3 | 5806.1 | 500.0 | -11.7 | -40.7 | 204.2 | 4.3 | 4.2 | 0.4 | 318.9 | 320.2 | 0.2 | 11.6 | 6.5 | 23. |
| 22-3 | 60.5 | 6195.0 | 475.0 | -15.4 | -40.6 | 274.9 | 7.3 | 7.3 | 1.5 | 320.3 | 320.9 | 0.2 | 10.9 | 7.0 | 30. |
| 23-4 | 63.8 | 6400.5 | 450.0 | -19.9 | -40.6 | 268.0 | 9.1 | 9.1 | 1.8 | 322.4 | 322.7 | 0.1 | 7.1 | 7.4 | 35. |
| 25-4 | 67.1 | 7023.4 | 425.0 | -22.4 | -44.7 | 261.0 | 9.6 | 9.4 | 1.4 | 322.8 | 323.1 | 0.1 | 8.1 | 8.5 | 41. |
| 28-9 | 74.1 | 7468.2 | 400.0 | -25.1 | -50.7 | 259.0 | 10.9 | 10.8 | 1.4 | 325.0 | 325.3 | 0.0 | 8.8 | 10.8 | 53. |
| 30-5 | 77.9 | 7931.3 | 375.0 | -29.3 | -55.0 | 270.9 | 13.0 | 13.0 | 0.4 | 330.1 | 999.9 | 99.9 | 999.9 | 12.5 | 59. |
| 32-5 | 81.7 | 8421.1 | 325.0 | -35.4 | -57.1 | 268.4 | 14.9 | 14.9 | 0.1 | 331.1 | 999.9 | 99.9 | 999.9 | 14.6 | 64. |
| 34-5 | 85.5 | 8940.7 | 300.0 | -37.2 | 99.9 | 269.5 | 17.2 | 17.2 | 0.6 | 331.1 | 999.9 | 99.9 | 999.9 | 17.2 | 67. |
| 36-7 | 89.7 | 9493.8 | 275.0 | -44.3 | 99.9 | 268.3 | 18.9 | 18.9 | 0.6 | 332.4 | 999.9 | 99.9 | 999.9 | 20.0 | 70. |
| 39-1 | 94.2 | 10183.4 | 250.0 | -49.5 | 99.9 | 268.9 | 19.2 | 19.1 | 1.0 | 333.7 | 999.9 | 99.9 | 999.9 | 22.9 | 74. |
| 41-4 | 98.8 | 10716.0 | 225.0 | -55.3 | 99.9 | 272.2 | 21.4 | 21.4 | -0.8 | 337.6 | 999.9 | 99.9 | 999.9 | 26.2 | 77. |
| 43-9 | 103.9 | 11397.0 | 200.0 | -63.1 | 99.9 | 280.2 | 18.4 | 18.2 | -3.3 | 344.9 | 999.9 | 99.9 | 999.9 | 30.8 | 80. |
| 46-5 | 109.0 | 12139.4 | 175.0 | -63.7 | 99.9 | 276.1 | 19.7 | 19.6 | -2.1 | 344.9 | 999.9 | 99.9 | 999.9 | 36.7 | 81. |
| 49-7 | 115.0 | 12954.3 | 150.0 | -67.4 | 99.9 | 272.0 | 25.5 | 25.5 | -0.9 | 368.0 | 999.9 | 99.9 | 999.9 | 999.9 | 999. |
| 53-4 | 121.3 | 13920.7 | 125.0 | -61.6 | 99.9 | 269.6 | 18.8 | 18.8 | 0.1 | 383.4 | 999.9 | 99.9 | 999.9 | 999.9 | 999. |
| 57-5 | 128.3 | 15053.1 | 100.0 | -64.1 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 405.0 | 999.9 | 99.9 | 999.9 | 999.9 | 999. |
| 62-5 | 136.0 | 16422.0 | 75.0 | -69.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999. |
| 99-9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999. |
| 99-9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 0
FORT SMITH, ARKANSAS

19 APRIL 1979
1705 GMT

114 113. 0

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DC C | DEW PT DC C | DIR DC | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DC K | E POT T DC K | MX RTO CM/KG | 3M PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.3 | 6.3 | 144.0 | 1000.9 | 25.6 | 13.5 | 165.0 | 3.6 | -0.9 | 3.5 | 298.7 | 324.8 | 9.8 | 47.0 | 0.0 | 0. |
| 0.3 | 5.5 | 141.9 | 1000.0 | 25.4 | 13.4 | 159.8 | 3.7 | -1.3 | 3.5 | 298.5 | 324.6 | 9.7 | 47.4 | 0.0 | 354. |
| 0.7 | 6.3 | 373.2 | 975.0 | 22.4 | 12.8 | 128.7 | 4.7 | -3.7 | 2.9 | 297.7 | 323.4 | 9.6 | 54.7 | 0.3 | 315. |
| 1.2 | 12.8 | 598.5 | 950.0 | 23.3 | 12.2 | 140.1 | 5.3 | -3.4 | 4.1 | 297.8 | 323.1 | 9. | 59.7 | 0.5 | 314. |
| 1.7 | 12.9 | 828.0 | 925.0 | 17.9 | 11.2 | 150.0 | 5.0 | -2.5 | 4.3 | 297.6 | 321.9 | 9.1 | 64.7 | 0.6 | 316. |
| 2.3 | 15.1 | 1061.5 | 900.0 | 15.5 | 9.9 | 151.7 | 4.7 | -2.2 | 4.1 | 297.5 | 999.9 | 99.9 | 999.9 | 0.8 | 320. |
| 3.1 | 17.4 | 1299.4 | 875.0 | 13.3 | 10.5 | 170.0 | 7.6 | -1.3 | 7.5 | 297.6 | 322.2 | 9.2 | 82.9 | 1.1 | 323. |
| 4.1 | 19.6 | 1544.2 | 850.0 | 15.3 | 8.0 | 184.1 | 7.4 | 0.5 | 7.4 | 301.1 | 322.8 | 7.9 | 65.8 | 1.5 | 336. |
| 5.1 | 21.9 | 1745.8 | 875.0 | 12.5 | 7.6 | 201.2 | 5.4 | 1.9 | 5.0 | 301.8 | 323.8 | 8.0 | 7.9 | 1.8 | 342. |
| 6.3 | 24.3 | 2253.9 | 900.0 | 10.7 | 7.3 | 204.6 | 5.7 | 2.4 | 5.2 | 302.5 | 324.8 | 8.1 | 79.7 | 2.0 | 348. |
| 6.7 | 26.6 | 2318.7 | 775.0 | 9.6 | 5.1 | 188.6 | 6.7 | 1.0 | 6.6 | 304.1 | 324.0 | 7.1 | 73.5 | 2.3 | 352. |
| 8.2 | 29.0 | 2530.2 | 750.0 | 7.3 | 3.1 | 181.0 | 6.7 | 0.1 | 6.7 | 304.5 | 322.6 | 6.4 | 74.7 | 2.8 | 354. |
| 9.3 | 31.4 | 2689.4 | 725.0 | 6.6 | -0.4 | 181.8 | 5.7 | 0.2 | 5.7 | 306.8 | 321.6 | 5.1 | 60.9 | 3.1 | 354. |
| 10.1 | 33.8 | 3157.6 | 700.0 | 5.3 | -1.7 | 202.2 | 3.8 | 1.7 | 3.4 | 308.4 | 322.5 | 4.8 | 60.3 | 3.4 | 356. |
| 11.2 | 36.2 | 3453.8 | 675.0 | 3.5 | -4.8 | 222.8 | 3.4 | 2.3 | 2.5 | 309.5 | 321.2 | 4.0 | 54.6 | 3.6 | 358. |
| 12.4 | 38.8 | 3759.2 | 650.0 | 1.5 | -7.9 | 228.7 | 4.0 | 3.0 | 2.6 | 310.7 | 320.5 | 3.3 | 49.6 | 3.8 | 1. |
| 13.5 | 41.3 | 4073.8 | 625.0 | -1.2 | -10.8 | 228.1 | 4.7 | 3.4 | 3.2 | 311.1 | 319.2 | 2.7 | 47.9 | 4.0 | 4. |
| 14.7 | 44.0 | 4397.5 | 600.0 | -4.1 | -13.5 | 214.0 | 4.2 | 2.3 | 3.5 | 311.4 | 319.3 | 2.3 | 47.9 | 4.2 | 7. |
| 16.7 | 46.7 | 4731.6 | 575.0 | -7.1 | -16.2 | 219.2 | 5.4 | 3.4 | 4.2 | 311.7 | 317.5 | 1.9 | 48.2 | 4.5 | 9. |
| 17.1 | 49.4 | 5074.3 | 550.0 | -10.1 | -19.4 | 225.2 | 5.7 | 4.0 | 4.0 | 312.1 | 316.9 | 1.5 | 46.6 | 4.9 | 11. |
| 18.4 | 52.2 | 5435.0 | 525.0 | -9.9 | -34.5 | 231.5 | 5.2 | 4.0 | 3.2 | 316.5 | 317.8 | 0.4 | 46.6 | 5.2 | 14. |
| 20.3 | 55.1 | 5839.9 | 500.0 | -12.1 | -36.9 | 231.6 | 6.2 | 4.9 | 3.9 | 318.3 | 319.5 | 0.3 | 10.5 | 5.6 | 17. |
| 21.4 | 58.1 | 6199.4 | 475.0 | -15.7 | -37.1 | 234.3 | 8.3 | 6.7 | 4.8 | 318.6 | 319.8 | 0.3 | 13.9 | 6.1 | 20. |
| 22.3 | 61.1 | 6624.6 | 450.0 | -19.1 | -39.3 | 238.2 | 9.9 | 8.4 | 5.2 | 319.2 | 320.2 | 0.3 | 14.8 | 6.8 | 25. |
| 24.4 | 64.3 | 7026.6 | 425.0 | -23.0 | -41.4 | 248.1 | 10.0 | 9.1 | 4.0 | 315.5 | 320.4 | 0.2 | 16.7 | 7.6 | 29. |
| 26.3 | 67.5 | 7469.1 | 400.0 | -25.6 | -45.6 | 260.9 | 10.5 | 10.4 | 1.7 | 321.8 | 322.4 | 0.2 | 13.2 | 8.3 | 33. |
| 27.7 | 70.9 | 7933.9 | 375.0 | -29.2 | -48.7 | 278.1 | 12.1 | 12.0 | -1.7 | 323.0 | 323.4 | 0.1 | 13.0 | 9.0 | 40. |
| 29.4 | 74.3 | 8423.5 | 350.0 | -37.5 | -50.9 | 275.8 | 11.8 | 11.8 | -1.2 | 325.0 | 325.4 | 0.1 | 13.9 | 9.7 | 47. |
| 31.6 | 78.0 | 8942.0 | 325.0 | -36.1 | -53.7 | 268.4 | 15.0 | 15.0 | 0.4 | 326.9 | 327.2 | 0.1 | 14.2 | 10.8 | 53. |
| 33.5 | 81.7 | 9493.3 | 300.0 | -40.3 | -59.9 | 265.7 | 18.0 | 18.0 | 1.3 | 328.6 | 999.9 | 99.9 | 999.9 | 12.6 | 57. |
| 35.3 | 85.7 | 10050.1 | 275.0 | -45.3 | 99.9 | 268.5 | 18.5 | 18.5 | 0.5 | 329.6 | 999.9 | 99.9 | 999.9 | 14.9 | 62. |
| 38.3 | 89.4 | 10709.2 | 250.0 | -50.2 | 99.9 | 269.1 | 15.1 | 15.4 | 0.2 | 331.5 | 999.9 | 99.9 | 999.9 | 16.9 | 64. |
| 42.4 | 94.2 | 11398.2 | 225.0 | -55.8 | 99.9 | 274.1 | 17.4 | 17.3 | -1.2 | 333.1 | 999.9 | 99.9 | 999.9 | 18.9 | 68. |
| 43.2 | 99.3 | 12127.9 | 200.0 | -61.8 | 99.9 | 274.1 | 18.6 | 18.5 | -1.3 | 335.0 | 999.9 | 99.9 | 999.9 | 21.7 | 72. |
| 46.3 | 104.0 | 12353.4 | 175.0 | -61.2 | 99.9 | 269.9 | 18.9 | 18.9 | 0.0 | 348.9 | 999.9 | 99.9 | 999.9 | 24.9 | 75. |
| 49.3 | 108.6 | 13311.0 | 150.0 | -61.3 | 99.9 | 272.0 | 21.9 | 21.9 | -0.8 | 344.6 | 999.9 | 99.9 | 999.9 | 28.6 | 77. |
| 54.2 | 116.0 | 15040.5 | 125.0 | -61.8 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 383.1 | 999.9 | 99.9 | 999.9 | 34.6 | 79. |
| 99.3 | 99.9 | 99.9 | 100.0 | 97.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.3 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.3 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.3 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 8
FORT SMITH, ARKANSAS
19 APRIL 1979
2002 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.3 | 7.0 | 144.0 | 996.3 | 30.2 | 13.5 | 165.0 | 3.6 | -0.9 | 3.5 | 303.5 | 330.3 | 9.8 | 36.0 | 0.0 | 0. |
| 0.7 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 1.0 | 9.1 | 352.6 | 975.0 | 24.8 | 12.3 | 159.0 | 7.8 | -2.0 | 7.2 | 300.1 | 325.2 | 9.3 | 45.7 | 0.6 | 337. |
| 2.2 | 11.5 | 579.9 | 950.0 | 22.6 | 12.0 | 165.5 | 7.9 | -2.0 | 7.6 | 300.2 | 325.5 | 9.4 | 51.1 | 1.1 | 339. |
| 3.3 | 13.9 | 911.4 | 925.0 | 20.6 | 11.6 | 172.5 | 8.3 | -1.1 | 8.3 | 300.4 | 325.6 | 9.3 | 56.2 | 1.6 | 342. |
| 4.4 | 16.2 | 1047.8 | 900.0 | 18.9 | 11.1 | 174.2 | 7.3 | -0.7 | 7.2 | 300.9 | 326.1 | 9.3 | 60.6 | 2.1 | 345. |
| 5.1 | 18.5 | 1249.0 | 875.0 | 16.3 | 10.4 | 170.4 | 7.0 | -1.3 | 7.5 | 300.7 | 325.5 | 9.1 | 69.2 | 2.5 | 347. |
| 6.2 | 20.9 | 1535.2 | 850.0 | 14.3 | 10.6 | 162.6 | 6.2 | -1.9 | 5.9 | 301.1 | 326.9 | 9.5 | 78.5 | 2.9 | 347. |
| 7.3 | 23.4 | 1796.8 | 825.0 | 11.8 | 9.9 | 156.3 | 5.7 | -2.3 | 5.2 | 301.1 | 326.3 | 9.4 | 88.0 | 3.2 | 346. |
| 8.2 | 25.9 | 2044.1 | 800.0 | 10.0 | 8.8 | 161.1 | 6.0 | -2.2 | 6.4 | 301.9 | 326.3 | 9.0 | 92.0 | 3.6 | 346. |
| 9.1 | 28.3 | 2307.8 | 775.0 | 8.4 | 7.3 | 147.3 | 6.6 | 0.8 | 6.5 | 302.9 | 325.8 | 9.3 | 92.5 | 3.9 | 345. |
| 10.3 | 30.9 | 2570.5 | 750.0 | 9.6 | 1.7 | 199.1 | 6.8 | 2.2 | 6.5 | 305.9 | 322.4 | 9.8 | 62.2 | 4.3 | 349. |
| 11.5 | 33.4 | 2959.9 | 725.0 | 7.3 | -0.4 | 204.6 | 6.7 | 2.8 | 6.1 | 307.4 | 322.3 | 5.2 | 58.3 | 4.8 | 352. |
| 12.7 | 36.2 | 3143.3 | 700.0 | 6.0 | -2.0 | 209.7 | 4.8 | 2.4 | 4.2 | 309.1 | 322.9 | 4.7 | 56.5 | 5.1 | 355. |
| 13.9 | 38.9 | 3444.9 | 675.0 | 3.3 | -3.8 | 227.3 | 3.0 | 2.2 | 2.0 | 309.3 | 321.9 | 4.3 | 59.4 | 5.3 | 357. |
| 15.1 | 41.7 | 3750.1 | 650.0 | 1.3 | -7.4 | 231.6 | 2.9 | 2.2 | 1.8 | 310.5 | 320.6 | 3.4 | 52.1 | 5.4 | 358. |
| 16.3 | 44.4 | 4054.6 | 625.0 | -0.9 | -16.0 | 245.3 | 3.8 | 3.5 | 1.6 | 311.5 | 316.9 | 1.8 | 30.8 | 5.5 | 0. |
| 17.1 | 47.3 | 4398.7 | 600.0 | -3.7 | -14.2 | 241.8 | 5.9 | 5.1 | 2.8 | 311.8 | 318.4 | 2.1 | 44.1 | 5.7 | 3. |
| 18.7 | 50.2 | 4722.9 | 575.0 | -6.9 | -14.1 | 239.3 | 6.1 | 5.3 | 3.1 | 311.9 | 316.7 | 2.2 | 56.3 | 5.9 | 7. |
| 19.1 | 53.1 | 5067.7 | 550.0 | -9.8 | -23.9 | 226.2 | 5.4 | 3.9 | 3.7 | 312.4 | 316.4 | 1.2 | 38.3 | 6.3 | 10. |
| 21.1 | 56.3 | 5427.2 | 525.0 | -9.5 | -46.2 | 211.6 | 5.1 | 2.6 | 4.3 | 317.0 | 317.4 | 0.1 | 3.2 | 6.6 | 11. |
| 22.4 | 59.3 | 5832.7 | 500.0 | -11.9 | -41.6 | 217.9 | 5.5 | 3.4 | 4.4 | 318.6 | 319.3 | 0.2 | 6.3 | 7.0 | 13. |
| 23.3 | 62.5 | 6192.9 | 475.0 | -15.2 | -45.0 | 213.3 | 7.7 | 5.3 | 5.6 | 319.1 | 319.7 | 0.1 | 5.6 | 7.4 | 14. |
| 25.1 | 65.9 | 6598.7 | 450.0 | -19.6 | -39.1 | 206.2 | 8.0 | 6.6 | 4.5 | 319.9 | 320.9 | 0.3 | 14.4 | 8.1 | 17. |
| 26.7 | 69.3 | 7222.4 | 425.0 | -21.4 | -50.2 | 245.7 | 8.4 | 7.7 | 3.5 | 321.6 | 321.9 | 0.1 | 5.4 | 8.6 | 21. |
| 28.1 | 72.7 | 7467.4 | 400.0 | -24.1 | -53.5 | 270.0 | 9.2 | 9.2 | -0.0 | 323.7 | 324.0 | 0.1 | 4.6 | 9.0 | 24. |
| 29.7 | 75.3 | 7935.0 | 375.0 | -27.1 | -55.1 | 283.6 | 10.5 | 10.2 | -2.5 | 325.4 | 325.6 | 0.1 | 5.1 | 9.2 | 30. |
| 31.5 | 80.2 | 8427.5 | 350.0 | -31.3 | -55.2 | 282.3 | 12.3 | 12.0 | -2.6 | 326.6 | 326.8 | 0.1 | 7.4 | 9.7 | 37. |
| 33.7 | 84.1 | 9047.8 | 325.0 | -35.4 | -57.6 | 281.5 | 15.2 | 14.9 | -3.1 | 327.9 | 328.1 | 0.0 | 8.2 | 10.3 | 44. |
| 35.4 | 88.2 | 9499.8 | 300.0 | -39.6 | 99.9 | 270.2 | 18.7 | 18.7 | -0.1 | 329.5 | 999.9 | 99.9 | 999.9 | 11.7 | 53. |
| 37.5 | 92.6 | 10068.2 | 275.0 | -44.8 | 99.9 | 259.0 | 21.1 | 20.7 | 4.0 | 330.4 | 999.9 | 99.9 | 999.9 | 14.0 | 58. |
| 39.7 | 97.2 | 10719.2 | 250.0 | -50.3 | 99.9 | 261.5 | 20.3 | 20.1 | 3.0 | 331.2 | 999.9 | 99.9 | 999.9 | 16.6 | 61. |
| 42.7 | 102.0 | 11398.0 | 225.0 | -55.4 | 99.9 | 271.8 | 21.9 | 21.9 | -0.7 | 333.6 | 999.9 | 99.9 | 999.9 | 19.5 | 66. |
| 45.1 | 107.3 | 12141.2 | 200.0 | -60.4 | 99.9 | 261.0 | 21.0 | 20.7 | 3.3 | 337.2 | 999.9 | 99.9 | 999.9 | 22.9 | 69. |
| 48.1 | 113.0 | 12766.9 | 175.0 | -64.1 | 99.9 | 259.0 | 21.9 | 21.5 | 4.2 | 344.2 | 999.9 | 99.9 | 999.9 | 26.9 | 70. |
| 51.7 | 119.3 | 13721.6 | 150.0 | -60.5 | 99.9 | 258.0 | 24.0 | 23.5 | 5.0 | 365.9 | 999.9 | 99.9 | 999.9 | 31.2 | 72. |
| 55.1 | 126.3 | 15048.7 | 125.0 | -62.6 | 99.9 | 264.8 | 26.5 | 26.4 | 2.4 | 381.7 | 999.9 | 99.9 | 999.9 | 37.9 | 73. |
| 59.9 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 60.3 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 60.7 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 60.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 996.0 | 99.9 | 999.9 | 999.9 | 999.9 |

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 8
FORT SMITH, ARKANSAS

19 APRIL 1979
2305 GAT

130 102. 0

| TIME MIN | CNCTP | WEIGHT G/M | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | WX RTO CM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 7.0 | 144.0 | 996.5 | 28.3 | 14.9 | 999.9 | 99.9 | 99.9 | 99.9 | 301.8 | 330.9 | 10.8 | 44.0 | 0.0 | 0. |
| 0.3 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.7 | 9.0 | 337.2 | 975.0 | 26.3 | 14.7 | 999.9 | 99.9 | 99.9 | 99.9 | 301.6 | 331.0 | 10.9 | 49.2 | 999.9 | 999.9 |
| 1.5 | 11.4 | 565.5 | 950.0 | 23.6 | 13.5 | 155.7 | 5.9 | -2.4 | 5.4 | 301.1 | 329.0 | 10.3 | 53.1 | 0.5 | 330. |
| 2.4 | 13.7 | 797.9 | 925.0 | 21.5 | 12.6 | 160.2 | 6.0 | -2.0 | 5.6 | 301.3 | 328.5 | 10.0 | 57.0 | 0.9 | 333. |
| 3.5 | 14.2 | 1034.9 | 900.0 | 19.4 | 12.1 | 155.5 | 6.1 | -2.5 | 5.5 | 301.6 | 328.6 | 10.0 | 62.7 | 1.2 | 335. |
| 4.4 | 16.7 | 1276.6 | 875.0 | 16.9 | 10.8 | 149.2 | 5.7 | -3.0 | 4.9 | 301.3 | 326.8 | 9.4 | 67.5 | 1.6 | 334. |
| 5.5 | 21.2 | 1523.6 | 850.0 | 15.6 | 9.4 | 147.2 | 5.1 | -2.8 | 4.3 | 302.5 | 326.5 | 8.8 | 65.5 | 2.0 | 332. |
| 6.5 | 23.6 | 1778.6 | 825.0 | 13.8 | 8.1 | 150.1 | 3.9 | -1.9 | 3.4 | 303.2 | 326.1 | 8.3 | 68.6 | 2.2 | 332. |
| 7.5 | 26.2 | 2035.5 | 800.0 | 11.6 | 7.9 | 161.8 | 2.6 | -0.8 | 2.5 | 303.5 | 326.4 | 8.4 | 77.9 | 2.4 | 332. |
| 8.4 | 28.9 | 2300.2 | 775.0 | 8.9 | 7.2 | 170.5 | 3.4 | -0.6 | 3.3 | 303.4 | 326.3 | 8.3 | 69.2 | 2.5 | 333. |
| 9.3 | 31.4 | 2571.2 | 750.0 | 7.4 | 1.3 | 178.5 | 5.3 | -0.1 | 5.3 | 304.6 | 320.7 | 5.7 | 66.4 | 2.8 | 335. |
| 10.2 | 34.0 | 2831.3 | 725.0 | 8.2 | -2.5 | 188.2 | 6.1 | 0.7 | 6.0 | 308.5 | 321.3 | 4.4 | 46.5 | 3.1 | 338. |
| 11.2 | 36.9 | 3100.1 | 700.0 | 5.7 | -3.7 | 193.4 | 5.8 | 1.4 | 5.7 | 308.8 | 321.0 | 4.2 | 50.9 | 3.4 | 342. |
| 12.3 | 39.4 | 3436.8 | 675.0 | 3.5 | -5.1 | 184.9 | 3.7 | 0.3 | 3.7 | 309.6 | 321.1 | 3.9 | 53.3 | 3.6 | 344. |
| 13.3 | 42.3 | 3742.2 | 650.0 | 1.7 | -15.6 | 149.5 | 1.5 | 0.2 | 1.4 | 310.9 | 318.4 | 1.7 | 26.2 | 3.8 | 345. |
| 14.5 | 45.1 | 4056.9 | 625.0 | -0.9 | -13.4 | 214.3 | 2.0 | 1.1 | 1.7 | 311.4 | 318.1 | 2.2 | 38.0 | 3.8 | 345. |
| 15.3 | 48.1 | 4381.1 | 600.0 | -3.9 | -12.7 | 259.9 | 3.3 | 3.3 | 0.6 | 311.6 | 319.0 | 2.4 | 50.5 | 3.9 | 348. |
| 17.3 | 51.0 | 4715.6 | 575.0 | -5.5 | -36.1 | 290.1 | 5.1 | 4.8 | -1.8 | 313.6 | 314.6 | 0.3 | 6.8 | 3.8 | 352. |
| 18.3 | 54.1 | 5064.1 | 550.0 | -5.5 | -33.4 | 274.7 | 6.4 | 6.4 | -0.5 | 317.5 | 317.7 | 0.0 | 1.0 | 3.7 | 6. |
| 19.5 | 57.1 | 5427.1 | 525.0 | -8.4 | -35.0 | 254.4 | 6.1 | 5.8 | 1.6 | 318.3 | 316.5 | 0.0 | 1.0 | 3.7 | 6. |
| 20.3 | 60.4 | 5833.0 | 500.0 | -11.8 | -36.1 | 267.3 | 7.5 | 7.5 | 0.4 | 318.7 | 318.9 | 0.0 | 1.2 | 3.9 | 12. |
| 22.3 | 63.7 | 6193.3 | 475.0 | -15.2 | -49.0 | 263.9 | 8.0 | 8.0 | 0.6 | 319.1 | 319.5 | 0.1 | 3.6 | 4.1 | 21. |
| 23.5 | 67.1 | 6600.8 | 450.0 | -16.7 | -50.6 | 265.2 | 6.9 | 6.8 | 0.6 | 322.2 | 322.3 | 0.0 | 1.7 | 4.4 | 29. |
| 25.1 | 70.6 | 7077.4 | 425.0 | -17.8 | -62.5 | 291.1 | 6.9 | 6.4 | -2.5 | 323.7 | 323.7 | 0.0 | 1.0 | 4.7 | 36. |
| 26.9 | 74.1 | 7474.2 | 400.0 | -23.4 | -59.1 | 286.1 | 8.8 | 8.5 | -2.5 | 324.6 | 324.7 | 0.0 | 2.2 | 4.9 | 44. |
| 28.4 | 77.9 | 7933.3 | 375.0 | -26.4 | -58.0 | 283.8 | 12.8 | 12.2 | -3.0 | 326.7 | 326.9 | 0.1 | 5.4 | 5.5 | 54. |
| 30.2 | 81.7 | 8438.0 | 350.0 | -30.3 | -41.7 | 269.0 | 16.9 | 16.9 | 0.3 | 327.9 | 328.9 | 0.3 | 31.7 | 6.7 | 63. |
| 32.1 | 85.7 | 8960.3 | 325.0 | -34.6 | -43.1 | 259.5 | 19.6 | 19.3 | 3.6 | 328.9 | 329.9 | 0.3 | 41.6 | 8.7 | 67. |
| 34.1 | 89.8 | 9513.9 | 300.0 | -39.0 | 99.9 | 259.6 | 17.7 | 17.4 | 3.2 | 330.4 | 999.9 | 99.9 | 999.9 | 11.0 | 70. |
| 36.4 | 94.3 | 10104.0 | 275.0 | -44.3 | 99.9 | 262.7 | 16.5 | 16.3 | 2.1 | 331.1 | 999.9 | 99.9 | 999.9 | 13.3 | 72. |
| 38.7 | 99.0 | 10735.3 | 250.0 | -49.7 | 99.9 | 264.4 | 18.1 | 18.0 | 1.8 | 332.2 | 999.9 | 99.9 | 999.9 | 15.6 | 74. |
| 41.4 | 104.0 | 11415.6 | 225.0 | -55.5 | 99.9 | 257.2 | 20.6 | 20.1 | 4.6 | 333.5 | 999.9 | 99.9 | 999.9 | 15.6 | 75. |
| 44.1 | 109.3 | 12157.1 | 200.0 | -60.7 | 99.9 | 254.9 | 24.0 | 23.2 | 6.3 | 336.6 | 999.9 | 99.9 | 999.9 | 22.4 | 75. |
| 47.5 | 115.0 | 12979.0 | 175.0 | -63.5 | 99.9 | 258.4 | 25.2 | 24.7 | 5.1 | 345.2 | 999.9 | 99.9 | 999.9 | 27.5 | 75. |
| 50.9 | 121.3 | 13928.6 | 150.0 | -62.0 | 99.9 | 261.7 | 25.4 | 25.1 | 3.7 | 363.4 | 999.9 | 99.9 | 999.9 | 32.3 | 76. |
| 55.3 | 128.7 | 15053.7 | 125.0 | -62.9 | 99.9 | 272.2 | 27.9 | 27.9 | -1.1 | 361.1 | 999.9 | 99.9 | 999.9 | 39.0 | 77. |
| 59.9 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

| STATION NO. 8 FORT SMITH, ARKANSAS | | | | | | | | | | | | | | |
|---------------------------------------|-------|---------|--------|-------|--------|-------|-------|--------|--------|-------|---------|--------|-------|-------------|
| 20 APRIL 1979 | | | | | | | | | | | | | | |
| 205 GMT | | | | | | | | | | | | | | |
| TIME | CMCT | HEIGHT | PRES | TEMP | DEW PT | DIR | SPEED | U COMP | V COMP | POT T | E POT T | MX RTO | RM | RANGE |
| MIN | | GPM | MB | DEG C | DEG C | DEG | M/SEC | M/SEC | M/SEC | DEG K | DEG K | GM/KG | PCT | KM |
| 0.0 | 6.9 | 144.0 | 997.7 | 24.1 | 16.4 | 990.9 | 99.9 | 99.9 | 99.9 | 297.5 | 328.8 | 11.8 | 63.0 | 999.9 999.9 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 999.9 |
| 1.1 | 9.0 | 346.0 | 975.0 | 23.7 | 15.7 | 999.9 | 99.9 | 99.9 | 99.9 | 299.0 | 329.9 | 11.6 | 61.0 | 999.9 999.9 |
| 2.0 | 11.4 | 572.9 | 950.0 | 22.1 | 15.0 | 999.9 | 99.9 | 99.9 | 99.9 | 299.7 | 330.2 | 11.4 | 68.1 | 999.9 999.9 |
| 2.1 | 13.7 | 994.1 | 925.0 | 19.7 | 14.8 | 999.9 | 99.9 | 99.9 | 99.9 | 299.5 | 330.4 | 11.6 | 73.5 | 999.9 999.9 |
| 3.0 | 16.2 | 1739.9 | 903.0 | 18.0 | 14.6 | 999.9 | 99.9 | 99.9 | 99.9 | 300.0 | 331.3 | 11.7 | 80.5 | 999.9 999.9 |
| 4.0 | 18.6 | 1293.9 | 875.0 | 15.5 | 13.5 | 999.9 | 99.9 | 99.9 | 99.9 | 299.9 | 330.0 | 11.2 | 87.7 | 999.9 999.9 |
| 6.0 | 21.1 | 1526.7 | 850.0 | 13.9 | 12.4 | 999.9 | 99.9 | 99.9 | 99.9 | 300.7 | 329.7 | 10.8 | 90.8 | 999.9 999.9 |
| 7.1 | 23.7 | 1778.4 | 825.0 | 12.2 | 10.0 | 999.9 | 99.9 | 99.9 | 99.9 | 301.5 | 327.1 | 9.4 | 86.4 | 999.9 999.9 |
| 8.1 | 26.7 | 2236.2 | 800.0 | 10.8 | 8.2 | 999.9 | 99.9 | 99.9 | 99.9 | 302.7 | 326.2 | 8.6 | 83.9 | 999.9 999.9 |
| 9.1 | 28.9 | 2390.3 | 775.0 | 8.7 | 6.8 | 999.9 | 99.9 | 99.9 | 99.9 | 303.6 | 325.4 | 8.1 | 89.0 | 999.9 999.9 |
| 10.2 | 31.4 | 2571.4 | 750.0 | 6.4 | 5.6 | 999.9 | 99.9 | 99.9 | 99.9 | 303.6 | 324.8 | 7.6 | 94.5 | 999.9 999.9 |
| 11.1 | 34.1 | 2849.4 | 725.0 | 6.6 | 5.1 | 999.9 | 99.9 | 99.9 | 99.9 | 306.7 | 319.0 | 4.2 | 99.8 | 999.9 999.9 |
| 12.3 | 35.9 | 3137.2 | 700.0 | 5.2 | 5.5 | 999.9 | 99.9 | 99.9 | 99.9 | 309.3 | 319.0 | 3.6 | 45.9 | 999.9 999.9 |
| 13.3 | 39.6 | 3433.1 | 675.0 | 3.3 | 13.9 | 999.9 | 99.9 | 99.9 | 99.9 | 309.3 | 315.3 | 1.9 | 27.0 | 999.9 999.9 |
| 14.3 | 42.4 | 3737.9 | 650.0 | 1.0 | 18.1 | 999.9 | 99.9 | 99.9 | 99.9 | 310.1 | 314.6 | 1.4 | 22.3 | 999.9 999.9 |
| 15.1 | 45.2 | 4051.4 | 625.0 | 1.9 | 14.3 | 999.9 | 99.9 | 99.9 | 99.9 | 310.4 | 316.7 | 2.0 | 37.9 | 999.9 999.9 |
| 17.4 | 49.1 | 4374.2 | 600.0 | 4.7 | 15.1 | 999.9 | 99.9 | 99.9 | 99.9 | 310.7 | 316.8 | 2.0 | 43.8 | 999.9 999.9 |
| 19.7 | 51.1 | 4707.5 | 575.0 | 7.2 | 17.5 | 999.9 | 99.9 | 99.9 | 99.9 | 311.6 | 316.9 | 1.7 | 41.5 | 999.9 999.9 |
| 20.2 | 54.3 | 5052.7 | 550.0 | 9.8 | 36.1 | 999.9 | 99.9 | 99.9 | 99.9 | 313.6 | 315.1 | 0.4 | 12.9 | 999.9 999.9 |
| 21.1 | 57.4 | 5413.7 | 525.0 | 9.4 | 55.9 | 999.9 | 99.9 | 99.9 | 99.9 | 317.1 | 317.2 | 0.0 | 1.0 | 999.9 999.9 |
| 23.5 | 63.6 | 5798.4 | 500.0 | 12.7 | 50.0 | 999.9 | 99.9 | 99.9 | 99.9 | 317.5 | 318.2 | 0.0 | 1.3 | 999.9 999.9 |
| 25.4 | 63.9 | 6176.9 | 475.0 | 16.1 | 55.7 | 999.9 | 99.9 | 99.9 | 99.9 | 318.1 | 318.2 | 0.0 | 1.8 | 999.9 999.9 |
| 27.4 | 67.3 | 6592.6 | 450.0 | 17.8 | 61.2 | 999.9 | 99.9 | 99.9 | 99.9 | 320.9 | 320.9 | 0.0 | 1.0 | 999.9 999.9 |
| 29.7 | 70.4 | 7007.4 | 425.0 | 20.8 | 63.2 | 999.9 | 99.9 | 99.9 | 99.9 | 322.3 | 322.4 | 0.0 | 1.0 | 999.9 999.9 |
| 32.3 | 74.3 | 7457.0 | 400.0 | 24.1 | 57.3 | 999.9 | 99.9 | 99.9 | 99.9 | 323.6 | 323.8 | 0.0 | 3.3 | 999.9 999.9 |
| 34.0 | 75.0 | 7920.6 | 375.0 | 27.5 | 39.9 | 999.9 | 99.9 | 99.9 | 99.9 | 325.2 | 326.4 | 0.3 | 29.1 | 999.9 999.9 |
| 37.0 | 81.9 | 8414.2 | 350.0 | 30.5 | 45.3 | 999.9 | 99.9 | 99.9 | 99.9 | 327.7 | 328.4 | 0.2 | 21.6 | 999.9 999.9 |
| 40.1 | 86.0 | 8937.1 | 325.0 | 34.1 | 50.1 | 999.9 | 99.9 | 99.9 | 99.9 | 329.9 | 329.9 | 0.1 | 5.6 | 999.9 999.9 |
| 44.0 | 97.3 | 9491.7 | 300.0 | 37.4 | 49.9 | 999.9 | 99.9 | 99.9 | 99.9 | 330.9 | 330.9 | 99.9 | 999.9 | 999.9 999.9 |
| 47.4 | 94.9 | 10090.5 | 275.0 | 44.4 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 330.9 | 330.9 | 99.9 | 999.9 | 999.9 999.9 |
| 52.1 | 92.5 | 10711.4 | 250.0 | 50.2 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 331.5 | 331.5 | 99.9 | 999.9 | 999.9 999.9 |
| 57.7 | 104.6 | 11192.2 | 225.0 | 54.5 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 334.9 | 334.9 | 99.9 | 999.9 | 999.9 999.9 |
| 56.0 | 117.0 | 12136.7 | 200.0 | 67.3 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 337.3 | 337.3 | 99.9 | 999.9 | 999.9 999.9 |
| 59.9 | 99.9 | 99.9 | 175.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 999.9 |
| 99.9 | 99.9 | 99.9 | 150.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 999.9 |
| 99.9 | 99.9 | 99.9 | 125.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 999.9 |
| 99.9 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 999.9 |
| 99.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 999.9 |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 999.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 999.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 8
PORT SMITH, ARKANSAS
20 APRIL 1979
515 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | J COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 7.2 | 144.0 | 997.8 | 21.0 | 16.2 | 999.9 | 99.9 | 99.9 | 99.9 | 294.3 | 324.9 | 11.7 | 74.0 | 999.9 | 999.9 |
| 00.3 | 99.9 | 1000.0 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.5 | 9.3 | 345.3 | 975.0 | 21.6 | 16.5 | 999.9 | 99.9 | 99.9 | 99.9 | 299.9 | 329.2 | 12.2 | 72.7 | 999.9 | 999.9 |
| 1.6 | 11.7 | 570.7 | 958.0 | 20.3 | 15.6 | 999.9 | 99.9 | 99.9 | 99.9 | 297.7 | 329.0 | 11.8 | 76.5 | 999.9 | 999.9 |
| 2.5 | 14.1 | 900.8 | 925.0 | 18.3 | 15.0 | 999.9 | 99.9 | 99.9 | 99.9 | 298.1 | 329.2 | 11.7 | 81.1 | 999.9 | 999.9 |
| 3.4 | 16.4 | 1036.0 | 900.0 | 17.0 | 13.8 | 999.9 | 99.9 | 99.9 | 99.9 | 299.1 | 328.6 | 11.1 | 81.3 | 999.9 | 999.9 |
| 4.3 | 19.0 | 1276.2 | 875.0 | 15.5 | 12.7 | 999.9 | 99.9 | 99.9 | 99.9 | 299.9 | 328.5 | 10.7 | 83.6 | 999.9 | 999.9 |
| 5.3 | 21.5 | 1522.2 | 850.0 | 13.8 | 12.1 | 999.9 | 99.9 | 99.9 | 99.9 | 300.6 | 329.0 | 10.5 | 89.3 | 999.9 | 999.9 |
| 6.4 | 24.1 | 1773.8 | 825.0 | 12.0 | 10.6 | 999.9 | 99.9 | 99.9 | 99.9 | 301.3 | 327.9 | 9.8 | 91.3 | 999.9 | 999.9 |
| 7.3 | 26.6 | 2131.8 | 800.0 | 10.7 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 302.5 | 329.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 8.3 | 29.2 | 2295.8 | 775.0 | 9.6 | 7.4 | 999.9 | 99.9 | 99.9 | 99.9 | 303.1 | 326.3 | 8.4 | 92.4 | 999.9 | 999.9 |
| 9.5 | 31.8 | 2557.1 | 750.0 | 7.2 | 5.8 | 999.9 | 99.9 | 99.9 | 99.9 | 304.4 | 326.0 | 7.8 | 91.1 | 999.9 | 999.9 |
| 10.5 | 34.5 | 2846.5 | 725.0 | 7.5 | -1.1 | 999.9 | 99.9 | 99.9 | 99.9 | 307.7 | 321.9 | 4.9 | 54.4 | 999.9 | 999.9 |
| 11.9 | 37.2 | 3135.1 | 700.0 | 6.1 | -3.7 | 999.9 | 99.9 | 99.9 | 99.9 | 309.3 | 321.5 | 4.2 | 49.3 | 999.9 | 999.9 |
| 12.7 | 40.0 | 3432.0 | 675.0 | 4.5 | -11.3 | 999.9 | 99.9 | 99.9 | 99.9 | 310.7 | 318.0 | 2.4 | 30.6 | 999.9 | 999.9 |
| 13.7 | 42.9 | 3737.7 | 650.0 | 1.6 | -12.2 | 999.9 | 99.9 | 99.9 | 99.9 | 310.8 | 317.8 | 2.3 | 35.1 | 999.9 | 999.9 |
| 14.9 | 45.9 | 4052.1 | 625.0 | -1.3 | -12.4 | 999.9 | 99.9 | 99.9 | 99.9 | 310.9 | 316.2 | 2.4 | 42.5 | 999.9 | 999.9 |
| 16.1 | 48.6 | 4376.0 | 600.0 | -3.4 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 312.3 | 309.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 17.3 | 51.6 | 4710.6 | 575.0 | -6.2 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 312.7 | 309.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 18.6 | 54.6 | 5058.1 | 550.0 | -8.4 | -30.6 | 999.9 | 99.9 | 99.9 | 99.9 | 316.4 | 318.3 | 0.6 | 12.0 | 999.9 | 999.9 |
| 20.1 | 57.7 | 5420.7 | 525.0 | -8.7 | -40.5 | 999.9 | 99.9 | 99.9 | 99.9 | 318.6 | 319.3 | 0.2 | 5.3 | 999.9 | 999.9 |
| 21.4 | 60.9 | 5796.7 | 500.0 | -11.7 | -37.0 | 999.9 | 99.9 | 99.9 | 99.9 | 319.6 | 319.9 | 0.3 | 10.1 | 999.9 | 999.9 |
| 22.7 | 64.1 | 6187.2 | 475.0 | -14.9 | -41.1 | 999.9 | 99.9 | 99.9 | 99.9 | 319.6 | 320.4 | 0.2 | 9.6 | 999.9 | 999.9 |
| 24.0 | 67.6 | 6593.1 | 450.0 | -16.5 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 322.6 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 25.4 | 71.0 | 7022.5 | 425.0 | -19.0 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 324.6 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 26.7 | 74.9 | 7499.9 | 400.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 28.0 | 78.9 | 7999.9 | 375.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 29.3 | 82.9 | 8499.9 | 350.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 30.6 | 86.9 | 8999.9 | 325.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 31.9 | 90.9 | 9499.9 | 300.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 33.2 | 94.9 | 9999.9 | 275.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 34.5 | 98.9 | 9999.9 | 250.0 | 99.9 | 94.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 35.8 | 99.9 | 9999.9 | 225.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 37.1 | 99.9 | 9999.9 | 200.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 38.4 | 99.9 | 9999.9 | 175.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 39.7 | 99.9 | 9999.9 | 150.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 41.0 | 99.9 | 9999.9 | 125.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 42.3 | 99.9 | 9999.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 43.6 | 99.9 | 9999.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 44.9 | 99.9 | 9999.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 46.2 | 99.9 | 9999.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

°° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 8
PORT SMITH, ARKANSAS
20 APRIL 1979
805 GMT

| TIME 41N | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT Y DG K | E POT Y DG K | MX RTO CM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 00.7 | 7.0 | 144.0 | 997.0 | 18.8 | 15.3 | 999.9 | 99.9 | 99.9 | 99.9 | 292.2 | 321.2 | 11.2 | 81.0 | 999.9 | 999.9 |
| 00.7 | 99.9 | 1000.0 | 997.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.5 | 9.0 | 336.9 | 975.0 | 19.9 | 16.6 | 999.9 | 99.9 | 99.9 | 99.9 | 295.2 | 327.5 | 12.4 | 81.5 | 999.9 | 999.9 |
| 1.5 | 11.4 | 561.3 | 950.0 | 19.3 | 16.7 | 999.9 | 99.9 | 99.9 | 99.9 | 296.8 | 330.1 | 12.7 | 84.9 | 999.9 | 999.9 |
| 2.4 | 13.8 | 790.5 | 925.0 | 17.5 | 15.2 | 999.9 | 99.9 | 99.9 | 99.9 | 297.2 | 328.5 | 11.9 | 86.6 | 999.9 | 999.9 |
| 3.5 | 16.2 | 1024.8 | 900.0 | 16.4 | 12.5 | 999.9 | 99.9 | 99.9 | 99.9 | 298.4 | 325.6 | 10.2 | 77.7 | 999.9 | 999.9 |
| 4.3 | 18.7 | 1264.5 | 875.0 | 16.7 | 12.7 | 999.9 | 99.9 | 99.9 | 99.9 | 299.1 | 327.6 | 10.7 | 87.8 | 999.9 | 999.9 |
| 5.2 | 21.2 | 1510.2 | 850.0 | 14.8 | 10.7 | 999.9 | 99.9 | 99.9 | 99.9 | 301.6 | 327.7 | 9.6 | 76.7 | 999.9 | 999.9 |
| 6.1 | 23.7 | 1742.5 | 825.0 | 12.7 | 7.6 | 999.9 | 99.9 | 99.9 | 99.9 | 302.1 | 324.1 | 8.0 | 70.9 | 999.9 | 999.9 |
| 7.1 | 26.2 | 2020.6 | 800.0 | 11.1 | 8.7 | 999.9 | 99.9 | 99.9 | 99.9 | 303.0 | 327.4 | 8.9 | 85.1 | 999.9 | 999.9 |
| 8.1 | 28.7 | 2285.3 | 775.0 | 9.2 | 6.6 | 999.9 | 99.9 | 99.9 | 99.9 | 303.7 | 325.7 | 8.0 | 84.2 | 999.9 | 999.9 |
| 9.1 | 31.3 | 2537.0 | 750.0 | 7.8 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 305.1 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 10.2 | 34.0 | 2815.6 | 725.0 | 5.9 | 1.7 | 999.9 | 99.9 | 99.9 | 99.9 | 306.0 | 322.9 | 6.0 | 78.0 | 999.9 | 999.9 |
| 11.3 | 36.7 | 3122.5 | 700.0 | 4.0 | -3.2 | 999.9 | 99.9 | 99.9 | 99.9 | 306.9 | 319.5 | 4.3 | 59.4 | 999.9 | 999.9 |
| 12.4 | 39.4 | 3419.3 | 675.0 | 4.5 | -3.6 | 999.9 | 99.9 | 99.9 | 99.9 | 310.6 | 323.5 | 4.4 | 55.8 | 999.9 | 999.9 |
| 13.5 | 42.2 | 3725.4 | 650.0 | 2.1 | -9.0 | 999.9 | 99.9 | 99.9 | 99.9 | 311.3 | 320.3 | 3.0 | 43.4 | 999.9 | 999.9 |
| 14.7 | 45.0 | 4040.8 | 625.0 | -0.2 | -11.2 | 999.9 | 99.9 | 99.9 | 99.9 | 312.2 | 320.2 | 2.6 | 43.0 | 999.9 | 999.9 |
| 15.9 | 48.0 | 4365.4 | 600.0 | -2.6 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 313.2 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 17.0 | 51.0 | 4701.8 | 575.0 | -4.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 314.3 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 18.2 | 54.0 | 5049.6 | 550.0 | -7.1 | -32.6 | 999.9 | 99.9 | 99.9 | 99.9 | 315.7 | 317.2 | 0.4 | 10.9 | 999.9 | 999.9 |
| 19.4 | 57.1 | 5412.3 | 525.0 | -8.3 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 318.5 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 20.4 | 63.3 | 5788.4 | 500.0 | -11.6 | -36.5 | 999.9 | 99.9 | 99.9 | 99.9 | 319.0 | 320.1 | 0.3 | 10.7 | 999.9 | 999.9 |
| 22.1 | 63.5 | 6179.3 | 475.0 | -14.5 | -36.8 | 999.9 | 99.9 | 99.9 | 99.9 | 320.0 | 321.2 | 0.3 | 13.0 | 999.9 | 999.9 |
| 23.7 | 66.9 | 6586.9 | 450.0 | -16.8 | -43.3 | 999.9 | 99.9 | 99.9 | 99.9 | 322.1 | 323.1 | 0.3 | 11.7 | 999.9 | 999.9 |
| 25.1 | 70.3 | 7014.9 | 425.0 | -19.0 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 324.6 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 26.7 | 73.9 | 7462.8 | 400.0 | -22.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 325.2 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.7 | 99.9 | 99.9 | 375.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.7 | 99.9 | 99.9 | 350.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.7 | 99.9 | 99.9 | 325.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.7 | 99.9 | 99.9 | 300.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.7 | 99.9 | 99.9 | 275.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.7 | 99.9 | 99.9 | 250.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.7 | 99.9 | 99.9 | 225.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.7 | 99.9 | 99.9 | 200.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.7 | 99.9 | 99.9 | 175.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.7 | 99.9 | 99.9 | 150.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.7 | 99.9 | 99.9 | 125.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.7 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.7 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.7 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 8
FORT SMITH, ARKANSAS
20 APRIL 1970
1105 GMT

| TIME MIN | CNTCT | WEIGHT GPM | PRES MB | TEMP CG C | DEW PT CG C | DIR DG | SPEED M/SEC | W/COMP M/SEC | POT T DG K | E POT T DG K | MX RTG GM/KG | RM PC1 | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 6.8 | 143.8 | 999.1 | 16.8 | 15.0 | 999.9 | 99.9 | 99.9 | 290.1 | 317.9 | 10.8 | 89.0 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 1.0 | 4.9 | 345.0 | 975.0 | 19.3 | 16.2 | 999.9 | 99.9 | 99.9 | 293.6 | 324.7 | 12.0 | 87.5 | 999.9 | 999.9 |
| 1.7 | 11.2 | 568.3 | 950.0 | 17.9 | 15.7 | 999.9 | 99.9 | 99.9 | 295.3 | 326.5 | 11.9 | 87.0 | 999.9 | 999.9 |
| 2.6 | 13.5 | 798.7 | 925.0 | 16.3 | 14.4 | 999.9 | 99.9 | 99.9 | 296.0 | 325.5 | 11.2 | 88.4 | 999.9 | 999.9 |
| 3.5 | 15.9 | 1029.8 | 900.0 | 15.3 | 12.9 | 999.9 | 99.9 | 99.9 | 297.3 | 325.1 | 10.5 | 85.5 | 999.9 | 999.9 |
| 4.2 | 19.3 | 1264.6 | 875.0 | 13.9 | 10.7 | 999.9 | 99.9 | 99.9 | 298.2 | 323.1 | 9.3 | 81.1 | 999.9 | 999.9 |
| 5.2 | 20.8 | 1513.2 | 850.0 | 13.0 | 9.2 | 999.9 | 99.9 | 99.9 | 299.7 | 323.3 | 8.7 | 78.2 | 999.9 | 999.9 |
| 6.2 | 23.3 | 1768.2 | 825.0 | 11.3 | 10.5 | 999.9 | 99.9 | 99.9 | 300.5 | 326.9 | 9.8 | 95.1 | 999.9 | 999.9 |
| 7.2 | 25.8 | 2021.2 | 800.0 | 9.8 | 9.1 | 999.9 | 99.9 | 99.9 | 301.7 | 326.5 | 9.1 | 94.8 | 999.9 | 999.9 |
| 8.2 | 28.3 | 2294.8 | 775.0 | 9.2 | 6.9 | 999.9 | 99.9 | 99.9 | 302.6 | 324.9 | 8.1 | 91.8 | 999.9 | 999.9 |
| 9.2 | 30.8 | 2555.3 | 750.0 | 6.3 | 4.8 | 999.9 | 99.9 | 99.9 | 303.4 | 323.5 | 7.2 | 90.3 | 999.9 | 999.9 |
| 10.2 | 33.4 | 2933.5 | 725.0 | 5.5 | 0.6 | 999.9 | 99.9 | 99.9 | 305.5 | 321.2 | 5.5 | 70.8 | 999.9 | 999.9 |
| 11.4 | 36.1 | 3129.0 | 700.0 | 4.6 | -3.5 | 999.9 | 99.9 | 99.9 | 307.6 | 320.0 | 4.2 | 55.6 | 999.9 | 999.9 |
| 12.5 | 38.3 | 3415.8 | 675.0 | 2.9 | -6.7 | 999.9 | 99.9 | 99.9 | 308.9 | 319.1 | 3.4 | 49.2 | 999.9 | 999.9 |
| 13.7 | 41.4 | 3720.4 | 650.0 | 0.7 | -11.4 | 999.9 | 99.9 | 99.9 | 309.8 | 317.3 | 2.5 | 39.9 | 999.9 | 999.9 |
| 14.7 | 44.3 | 4033.9 | 625.0 | -2.1 | -12.7 | 999.9 | 99.9 | 99.9 | 310.0 | 317.0 | 2.3 | 43.9 | 999.9 | 999.9 |
| 15.1 | 47.2 | 4350.6 | 600.0 | -5.1 | -13.6 | 999.9 | 99.9 | 99.9 | 310.3 | 317.1 | 2.2 | 51.0 | 999.9 | 999.9 |
| 17.3 | 50.1 | 4998.7 | 575.0 | -6.6 | -31.2 | 999.9 | 99.9 | 99.9 | 312.3 | 314.2 | 0.6 | 14.0 | 999.9 | 999.9 |
| 17.7 | 53.1 | 5016.8 | 550.0 | -7.1 | -54.4 | 999.9 | 99.9 | 99.9 | 315.6 | 315.8 | 0.0 | 1.0 | 999.9 | 999.9 |
| 19.9 | 55.1 | 5397.6 | 525.0 | -9.5 | -56.0 | 999.9 | 99.9 | 99.9 | 317.0 | 317.1 | 0.0 | 1.0 | 999.9 | 999.9 |
| 21.7 | 59.3 | 5771.8 | 500.0 | -13.1 | -56.8 | 999.9 | 99.9 | 99.9 | 317.1 | 317.3 | 0.0 | 1.2 | 999.9 | 999.9 |
| 22.7 | 62.4 | 6159.9 | 475.0 | -16.8 | -50.9 | 999.9 | 99.9 | 99.9 | 317.1 | 317.4 | 0.1 | 3.5 | 999.9 | 999.9 |
| 24.1 | 65.4 | 6563.4 | 450.0 | -20.0 | -42.0 | 999.9 | 99.9 | 99.9 | 318.1 | 318.9 | 0.2 | 12.0 | 999.9 | 999.9 |
| 25.4 | 69.1 | 6946.3 | 425.0 | -20.9 | -29.0 | 999.9 | 99.9 | 99.9 | 322.2 | 325.0 | 0.6 | 48.2 | 999.9 | 999.9 |
| 27.5 | 72.7 | 7431.4 | 400.0 | -24.1 | 99.9 | 999.9 | 99.9 | 99.9 | 323.7 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 28.7 | 76.3 | 7992.0 | 375.0 | -27.5 | 99.9 | 999.9 | 99.9 | 99.9 | 325.2 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 30.9 | 80.1 | 8391.8 | 350.0 | -31.3 | -34.5 | 999.9 | 99.9 | 99.9 | 326.6 | 328.6 | 0.6 | 72.5 | 999.9 | 999.9 |
| 32.7 | 84.7 | 8912.3 | 325.0 | -35.4 | -42.1 | 999.9 | 99.9 | 99.9 | 327.9 | 329.0 | 0.3 | 43.7 | 999.9 | 999.9 |
| 34.1 | 89.0 | 9449.1 | 300.0 | -40.5 | 99.9 | 999.9 | 99.9 | 99.9 | 328.3 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 36.7 | 92.4 | 10050.0 | 275.0 | -45.5 | 99.9 | 999.9 | 99.9 | 99.9 | 329.4 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 39.7 | 97.0 | 10678.8 | 250.0 | -50.3 | 99.9 | 999.9 | 99.9 | 99.9 | 331.3 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 41.5 | 101.9 | 11350.5 | 225.0 | -55.2 | 99.9 | 999.9 | 99.9 | 99.9 | 333.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 43.7 | 99.9 | 99.9 | 200.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 45.9 | 99.9 | 99.9 | 175.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 48.9 | 99.9 | 99.9 | 150.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 50.9 | 99.9 | 99.9 | 125.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 52.3 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 54.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 57.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 59.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 18 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 10
GOODLAND, KANSAS

19 APRIL 1979
1124 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DEG K | E POT T DEG K | MX RTO CM/KG | RH PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|-----------------|-----------|-------------|-----------|
| 0.3 | 18.5 | 1115.0 | 880.3 | 16.0 | 15.2 | 180.0 | 9.0 | 0.0 | 9.0 | 299.9 | 331.1 | 11.7 | 89.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.2 | 19.0 | 1166.3 | 875.0 | 15.6 | 99.9 | 190.0 | 18.7 | 3.3 | 18.4 | 300.0 | 300.0 | 99.9 | 99.9 | 0.3 | 3. |
| 1.3 | 21.5 | 1412.9 | 850.0 | 14.9 | 18.6 | 193.5 | 20.0 | 4.7 | 19.4 | 301.8 | 335.2 | 12.4 | 97.9 | 0.9 | 8. |
| 1.9 | 24.1 | 1666.0 | 825.0 | 13.8 | 12.6 | 208.3 | 20.3 | 9.6 | 17.8 | 303.2 | 333.8 | 11.3 | 92.8 | 1.9 | 13. |
| 2.3 | 26.7 | 1926.0 | 800.0 | 14.4 | 3.9 | 235.2 | 16.8 | 13.8 | 9.6 | 306.5 | 324.8 | 6.5 | 50.6 | 2.9 | 23. |
| 3.7 | 29.3 | 2108.2 | 775.0 | 16.1 | -7.3 | 242.3 | 15.8 | 14.0 | 7.4 | 311.1 | 319.8 | 2.8 | 19.3 | 3.6 | 32. |
| 4.5 | 32.0 | 2472.4 | 750.0 | 14.3 | -7.7 | 231.6 | 17.6 | 13.8 | 10.9 | 312.8 | 320.9 | 2.6 | 21.5 | 5.5 | 39. |
| 5.6 | 34.7 | 2757.4 | 725.0 | 12.2 | -10.3 | 221.6 | 18.3 | 12.1 | 13.6 | 312.8 | 320.9 | 2.6 | 21.5 | 5.5 | 39. |
| 6.4 | 37.4 | 3049.7 | 700.0 | 9.6 | -10.3 | 215.4 | 15.1 | 6.7 | 12.3 | 313.1 | 320.8 | 2.5 | 23.3 | 6.5 | 39. |
| 7.7 | 40.3 | 3349.7 | 675.0 | 6.6 | -12.1 | 223.1 | 12.1 | 8.3 | 8.8 | 313.1 | 320.0 | 2.2 | 24.7 | 7.3 | 39. |
| 9.7 | 43.1 | 3657.9 | 650.0 | 4.0 | -13.9 | 207.8 | 13.2 | 6.2 | 11.7 | 313.5 | 319.8 | 2.0 | 25.7 | 8.1 | 39. |
| 9.9 | 46.0 | 3974.8 | 625.0 | 1.0 | -16.5 | 197.8 | 11.9 | 3.6 | 11.3 | 313.6 | 318.9 | 1.7 | 25.7 | 8.9 | 37. |
| 10.3 | 49.0 | 4301.3 | 600.0 | -1.9 | -16.5 | 193.1 | 13.1 | 3.0 | 12.8 | 313.9 | 319.5 | 1.8 | 31.8 | 9.6 | 35. |
| 12.7 | 52.0 | 4618.1 | 575.0 | -4.1 | -23.5 | 204.9 | 13.5 | 5.7 | 12.3 | 315.2 | 318.5 | 1.0 | 28.3 | 10.5 | 36. |
| 13.3 | 55.1 | 4947.4 | 550.0 | -6.5 | -29.3 | 221.0 | 12.3 | 8.0 | 9.3 | 316.4 | 318.7 | 0.7 | 15.7 | 11.3 | 39. |
| 14.1 | 58.4 | 5348.9 | 525.0 | -9.5 | -29.3 | 229.8 | 12.5 | 9.5 | 8.0 | 317.0 | 319.2 | 0.6 | 18.0 | 12.1 | 35. |
| 15.1 | 61.4 | 5723.7 | 500.0 | -12.4 | -33.6 | 227.3 | 12.5 | 9.2 | 8.5 | 317.9 | 319.6 | 0.5 | 16.7 | 12.9 | 36. |
| 16.4 | 64.9 | 6112.9 | 475.0 | -15.8 | -33.7 | 222.2 | 13.2 | 8.9 | 9.8 | 318.4 | 320.0 | 0.5 | 19.5 | 13.9 | 36. |
| 17.3 | 68.3 | 6517.4 | 450.0 | -19.7 | -38.6 | 218.6 | 12.2 | 7.6 | 9.5 | 318.5 | 320.1 | 0.4 | 25.0 | 14.5 | 37. |
| 19.2 | 71.9 | 6938.4 | 425.0 | -23.8 | -37.2 | 209.3 | 12.4 | 6.1 | 10.9 | 318.5 | 319.7 | 0.4 | 27.7 | 15.9 | 36. |
| 20.3 | 75.6 | 7378.1 | 400.0 | -27.6 | -40.9 | 206.0 | 13.1 | 5.8 | 11.8 | 319.1 | 320.1 | 0.3 | 26.5 | 17.0 | 36. |
| 22.3 | 79.3 | 7838.6 | 375.0 | -31.5 | -43.8 | 211.7 | 14.7 | 7.7 | 12.5 | 319.9 | 320.7 | 0.2 | 28.2 | 18.3 | 35. |
| 24.1 | 83.2 | 8323.3 | 350.0 | -34.8 | -47.0 | 219.4 | 17.7 | 11.2 | 13.7 | 321.8 | 322.3 | 0.2 | 27.4 | 20.0 | 35. |
| 26.7 | 87.3 | 8837.3 | 325.0 | -38.4 | -50.4 | 216.2 | 19.8 | 11.7 | 16.0 | 323.8 | 324.1 | 0.1 | 25.4 | 22.1 | 36. |
| 27.9 | 91.6 | 9382.5 | 300.0 | -42.6 | 99.9 | 219.2 | 22.2 | 14.0 | 17.2 | 325.3 | 99.9 | 99.9 | 99.9 | 24.5 | 35. |
| 30.3 | 96.2 | 9933.9 | 275.0 | -47.0 | 99.9 | 223.8 | 23.5 | 16.3 | 17.0 | 327.2 | 99.9 | 99.9 | 99.9 | 27.3 | 36. |
| 32.2 | 100.9 | 10588.2 | 250.0 | -51.9 | 99.9 | 226.4 | 27.2 | 19.7 | 18.7 | 328.9 | 99.9 | 99.9 | 99.9 | 30.6 | 37. |
| 34.5 | 106.3 | 11263.7 | 225.0 | -57.2 | 99.9 | 227.7 | 27.4 | 18.6 | 20.1 | 330.8 | 99.9 | 99.9 | 99.9 | 34.6 | 38. |
| 37.2 | 111.4 | 11998.9 | 200.0 | -62.0 | 99.9 | 219.5 | 24.1 | 15.3 | 18.6 | 334.5 | 99.9 | 99.9 | 99.9 | 38.6 | 38. |
| 40.2 | 117.4 | 12830.3 | 175.0 | -55.3 | 99.9 | 238.4 | 18.4 | 15.7 | 9.7 | 353.7 | 99.9 | 99.9 | 99.9 | 42.4 | 39. |
| 43.9 | 123.9 | 13980.1 | 150.0 | -57.6 | 99.9 | 240.8 | 16.5 | 14.1 | 8.1 | 370.8 | 99.9 | 99.9 | 99.9 | 46.0 | 41. |
| 48.1 | 131.0 | 14966.3 | 125.0 | -60.0 | 99.9 | 256.6 | 14.5 | 14.1 | 3.4 | 386.3 | 99.9 | 99.9 | 99.9 | 49.0 | 43. |
| 53.2 | 139.0 | 16312.4 | 100.0 | -62.2 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 407.5 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 10
GOODLAND, KANSAS

19 APRIL 1979
1405 GMT

| TIME UTM | CNCT | HEIGHT GPH | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.2 | 17.0 | 1113.0 | 981.1 | 17.9 | 18.4 | 180.0 | 12.4 | 0.0 | 12.4 | 301.8 | 333.6 | 11.8 | 80.0 | 0.0 | 0. |
| 99.2 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 992. |
| 99.2 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999. |
| 99.2 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999. |
| 99.2 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999. |
| 99.2 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999. |
| 0.2 | 18.4 | 1174.7 | 875.0 | 17.18 | 15.3 | 204.1 | 12.7 | 5.2 | 11.6 | 301.5 | 335.4 | 12.6 | 89.5 | 0.3 | 20. |
| 1.1 | 20.8 | 1421.5 | 850.0 | 16.7 | 11.7 | 218.6 | 14.5 | 9.1 | 11.4 | 301.5 | 329.3 | 10.2 | 82.3 | 0.8 | 29. |
| 2.1 | 23.3 | 1675.0 | 825.0 | 16.9 | -6.2 | 251.2 | 13.6 | 12.9 | 4.4 | 305.5 | 315.2 | 2.9 | 19.9 | 1.6 | 41. |
| 3.2 | 25.9 | 1917.5 | 800.0 | 17.2 | -7.5 | 256.7 | 13.0 | 12.6 | 3.0 | 309.5 | 317.7 | 2.7 | 17.7 | 2.3 | 55. |
| 4.2 | 28.3 | 2207.2 | 775.0 | 15.4 | -8.0 | 248.7 | 12.2 | 11.4 | 4.4 | 310.4 | 318.6 | 2.7 | 19.1 | 3.1 | 52. |
| 5.6 | 30.9 | 2483.5 | 750.0 | 13.0 | -9.1 | 238.6 | 12.6 | 10.7 | 6.5 | 310.7 | 318.5 | 2.6 | 20.5 | 3.8 | 60. |
| 6.4 | 33.5 | 2767.2 | 725.0 | 10.8 | -10.1 | 229.3 | 13.5 | 10.2 | 8.8 | 311.3 | 318.8 | 2.4 | 21.9 | 4.7 | 52. |
| 7.5 | 36.2 | 3058.4 | 700.0 | 9.6 | -11.1 | 228.0 | 13.2 | 9.8 | 8.8 | 312.1 | 319.3 | 2.3 | 23.4 | 5.6 | 57. |
| 8.7 | 38.9 | 3357.5 | 675.0 | 5.3 | -11.7 | 218.4 | 16.3 | 10.1 | 12.8 | 311.6 | 318.7 | 2.3 | 28.0 | 6.6 | 58. |
| 9.2 | 41.6 | 3654.5 | 650.0 | 2.8 | -12.5 | 208.4 | 17.4 | 8.3 | 15.3 | 312.1 | 319.0 | 2.2 | 31.3 | 7.7 | 51. |
| 11.1 | 44.4 | 3950.5 | 625.0 | 0.2 | -15.2 | 209.3 | 13.7 | 6.7 | 11.9 | 312.7 | 318.5 | 1.9 | 30.3 | 8.8 | 49. |
| 12.5 | 47.3 | 4246.1 | 600.0 | -2.2 | -18.3 | 189.1 | 14.3 | 2.3 | 14.1 | 313.6 | 318.4 | 1.5 | 27.9 | 9.8 | 48. |
| 13.3 | 50.1 | 4542.6 | 575.0 | -4.2 | -23.7 | 189.5 | 15.1 | 2.5 | 14.9 | 315.1 | 318.3 | 1.0 | 20.1 | 10.7 | 41. |
| 15.3 | 53.1 | 4991.0 | 550.0 | -7.3 | -27.5 | 180.5 | 13.4 | 4.6 | 12.6 | 315.4 | 317.8 | 0.7 | 18.1 | 11.8 | 39. |
| 16.5 | 55.1 | 5351.5 | 525.0 | -10.1 | -29.6 | 207.1 | 13.0 | 5.9 | 11.6 | 316.3 | 318.4 | 0.6 | 19.4 | 12.8 | 38. |
| 19.2 | 59.3 | 5725.3 | 500.0 | -13.4 | -31.5 | 208.3 | 13.7 | 6.5 | 12.1 | 316.7 | 318.6 | 0.5 | 19.9 | 13.9 | 37. |
| 19.5 | 62.5 | 6113.1 | 475.0 | -16.9 | -33.3 | 202.5 | 14.0 | 5.4 | 13.0 | 317.1 | 318.8 | 0.5 | 22.4 | 15.2 | 34. |
| 21.1 | 65.9 | 6515.8 | 450.0 | -20.5 | -35.5 | 209.3 | 16.5 | 8.1 | 14.4 | 317.4 | 318.9 | 0.4 | 24.5 | 16.5 | 35. |
| 22.4 | 69.1 | 6915.8 | 425.0 | -24.2 | -39.0 | 214.1 | 17.7 | 9.9 | 14.7 | 318.1 | 319.2 | 0.3 | 28.3 | 18.1 | 35. |
| 24.4 | 72.7 | 7315.0 | 400.0 | -27.5 | -41.9 | 216.8 | 17.4 | 10.4 | 13.9 | 319.3 | 320.1 | 0.2 | 23.7 | 19.9 | 35. |
| 26.2 | 76.3 | 7836.2 | 375.0 | -31.1 | -45.6 | 219.8 | 20.2 | 12.9 | 15.5 | 320.5 | 321.1 | 0.2 | 22.3 | 21.9 | 35. |
| 29.1 | 80.1 | 8321.7 | 350.0 | -34.8 | -49.0 | 222.3 | 22.0 | 15.3 | 16.9 | 321.9 | 322.3 | 0.1 | 21.8 | 24.2 | 35. |
| 31.9 | 84.2 | 9316.1 | 325.0 | -38.1 | -51.7 | 219.9 | 24.1 | 15.2 | 18.8 | 324.2 | 324.5 | 0.1 | 22.1 | 26.9 | 34. |
| 31.9 | 88.2 | 9316.1 | 300.0 | -42.6 | -55.9 | 216.7 | 24.2 | 14.5 | 19.4 | 325.3 | 325.9 | 99.9 | 99.9 | 29.7 | 34. |
| 33.4 | 92.4 | 9963.6 | 275.0 | -47.2 | -59.9 | 221.4 | 25.1 | 16.6 | 18.8 | 326.9 | 326.9 | 99.9 | 99.9 | 32.0 | 37. |
| 35.2 | 97.0 | 10507.2 | 250.0 | -51.9 | -64.9 | 217.8 | 28.7 | 17.6 | 22.7 | 326.9 | 326.9 | 99.9 | 99.9 | 36.0 | 37. |
| 39.4 | 107.0 | 11262.2 | 225.0 | -56.7 | -69.9 | 216.6 | 28.9 | 17.2 | 23.2 | 331.6 | 331.6 | 99.9 | 99.9 | 40.1 | 37. |
| 41.1 | 107.2 | 12002.0 | 200.0 | -59.8 | -72.9 | 232.3 | 25.6 | 20.2 | 15.7 | 337.7 | 337.7 | 99.9 | 99.9 | 44.6 | 38. |
| 44.2 | 113.0 | 12839.4 | 175.0 | -56.4 | -69.9 | 241.9 | 13.9 | 12.3 | 6.5 | 356.8 | 356.8 | 99.9 | 99.9 | 48.1 | 39. |
| 47.5 | 119.3 | 13818.5 | 150.0 | -53.1 | -65.9 | 256.2 | 13.6 | 13.2 | 3.2 | 369.9 | 369.9 | 99.9 | 99.9 | 50.8 | 40. |
| 51.5 | 126.1 | 14660.9 | 125.0 | -54.5 | -69.9 | 239.3 | 12.1 | 10.4 | 6.2 | 389.0 | 389.0 | 99.9 | 99.9 | 53.0 | 42. |
| 54.3 | 134.0 | 16337.0 | 100.0 | -61.7 | -72.9 | 99.9 | 99.9 | 99.9 | 99.9 | 408.6 | 408.6 | 99.9 | 99.9 | 999.9 | 999. |
| 99.3 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999. |
| 99.3 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999. |
| 99.3 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999. |

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
° BY TEMP MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED
° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 10
GOODLAND, KANSAS

| 19 APRIL 1979 | | | | | | | | | | | | | | 119 102. 0 | | | |
|---------------|-------|---------|--------|-------|--------|-------|-------|--------|--------|-------|---------|---------|-------|------------|-------|--|--|
| TIME | CNTCT | WEIGHT | PRES | TEMP | DEW PT | DIR | SPEED | U COMP | V COMP | POT Y | E POT Y | MAX WTD | RM | RANGE | AZ | | |
| MIN | | GPM | IN | °C | °C | °C | M/SEC | M/SEC | M/SEC | °C | °C | CM/SEC | PCT | KM | °C | | |
| 0.2 | 18.1 | 1115.0 | 880.5 | 27.5 | 1.8 | 210.0 | 7.2 | 3.6 | 6.2 | 311.8 | 326.4 | 5.0 | 19.0 | 0.0 | 0. | | |
| 00.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 | | |
| 00.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 | | |
| 00.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 | | |
| 00.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 | | |
| 00.9 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 | | |
| 0.1 | 18.6 | 1170.3 | 875.0 | 26.4 | 3.7 | 210.7 | 4.6 | 2.3 | 3.9 | 311.2 | 327.9 | 5.7 | 23.3 | 0.0 | 17. | | |
| 0.6 | 21.1 | 1624.1 | 850.0 | 23.6 | 2.6 | 215.5 | 5.4 | 3.1 | 4.4 | 310.9 | 326.8 | 5.4 | 25.2 | 0.1 | 33. | | |
| 1.3 | 23.6 | 1633.5 | 825.0 | 21.4 | 0.9 | 217.5 | 8.0 | 5.4 | 7.1 | 311.2 | 325.8 | 5.0 | 25.5 | 0.4 | 36. | | |
| 1.8 | 26.2 | 1748.5 | 800.0 | 19.9 | -0.7 | 218.5 | 8.7 | 5.2 | 7.0 | 311.3 | 324.8 | 4.6 | 25.7 | 0.7 | 36. | | |
| 2.6 | 28.8 | 2219.5 | 775.0 | 16.1 | -2.1 | 220.5 | 9.8 | 5.7 | 6.7 | 311.1 | 323.4 | 4.1 | 25.0 | 0.9 | 36. | | |
| 3.1 | 31.4 | 2496.7 | 750.0 | 13.4 | -3.9 | 222.9 | 9.0 | 6.1 | 6.6 | 311.1 | 322.6 | 3.8 | 29.9 | 1.4 | 39. | | |
| 3.9 | 34.9 | 2790.4 | 725.0 | 10.6 | -5.5 | 219.0 | 9.7 | 6.1 | 7.6 | 311.1 | 321.6 | 3.5 | 31.4 | 1.7 | 39. | | |
| 4.7 | 36.9 | 3271.2 | 700.0 | 7.8 | -6.4 | 219.7 | 10.9 | 7.0 | 8.4 | 311.1 | 321.3 | 3.4 | 35.9 | 2.3 | 39. | | |
| 5.5 | 39.6 | 3469.5 | 675.0 | 4.8 | -7.8 | 225.7 | 10.5 | 7.5 | 7.3 | 311.0 | 320.5 | 3.1 | 39.4 | 2.9 | 40. | | |
| 6.7 | 42.3 | 3575.7 | 650.0 | 1.8 | -8.3 | 227.8 | 10.2 | 7.5 | 6.9 | 311.2 | 320.2 | 3.0 | 52.9 | 3.5 | 41. | | |
| 7.8 | 45.2 | 3990.5 | 625.0 | -1.1 | -9.5 | 228.9 | 13.1 | 9.9 | 8.6 | 311.9 | 319.4 | 2.5 | 50.5 | 4.9 | 43. | | |
| 8.3 | 45.1 | 4314.7 | 600.0 | -3.7 | -12.4 | 229.9 | 13.1 | 9.9 | 8.6 | 311.9 | 319.4 | 2.5 | 50.5 | 4.9 | 43. | | |
| 10.9 | 51.1 | 4649.6 | 575.0 | -5.3 | -26.1 | 221.0 | 16.8 | 12.3 | 14.2 | 313.7 | 316.3 | 0.8 | 17.5 | 6.9 | 44. | | |
| 12.9 | 56.1 | 4997.4 | 550.0 | -7.3 | -27.5 | 213.6 | 17.1 | 9.5 | 14.2 | 315.4 | 317.8 | 0.7 | 18.1 | 8.7 | 42. | | |
| 13.4 | 57.3 | 5357.8 | 525.0 | -10.5 | -29.9 | 214.7 | 17.5 | 10.0 | 14.4 | 315.8 | 317.9 | 0.6 | 18.5 | 10.0 | 41. | | |
| 15.0 | 60.5 | 5731.2 | 500.0 | -13.6 | -31.0 | 219.7 | 18.8 | 12.0 | 14.5 | 316.5 | 318.4 | 0.6 | 21.5 | 11.2 | 41. | | |
| 16.3 | 63.8 | 6119.0 | 475.0 | -16.7 | -33.0 | 226.3 | 21.1 | 15.2 | 14.5 | 317.3 | 319.0 | 0.5 | 22.8 | 12.9 | 41. | | |
| 18.0 | 67.1 | 6522.6 | 450.0 | -19.9 | -32.6 | 225.1 | 19.0 | 13.5 | 13.4 | 318.3 | 320.1 | 0.5 | 31.0 | 14.8 | 42. | | |
| 19.4 | 70.7 | 6744.1 | 425.0 | -22.6 | -34.2 | 219.8 | 20.4 | 13.1 | 15.7 | 320.0 | 321.7 | 0.5 | 33.7 | 17.0 | 42. | | |
| 21.4 | 74.3 | 7196.0 | 400.0 | -26.3 | -37.6 | 212.9 | 25.9 | 14.1 | 21.7 | 320.9 | 322.2 | 0.4 | 33.2 | 19.5 | 41. | | |
| 23.4 | 78.0 | 7443.2 | 375.0 | -30.1 | -41.0 | 211.2 | 24.3 | 13.2 | 19.7 | 321.8 | 322.8 | 0.3 | 33.3 | 22.5 | 40. | | |
| 25.6 | 81.9 | 8336.4 | 350.0 | -34.4 | -44.6 | 211.2 | 24.3 | 12.6 | 20.8 | 322.3 | 323.1 | 0.2 | 34.5 | 25.2 | 39. | | |
| 27.4 | 86.0 | 9450.1 | 325.0 | -39.8 | -48.6 | 215.3 | 27.9 | 16.2 | 22.8 | 323.2 | 323.9 | 0.1 | 36.2 | 28.3 | 38. | | |
| 29.1 | 90.2 | 9195.3 | 300.0 | -43.0 | -49.9 | 215.9 | 25.1 | 14.7 | 20.4 | 324.8 | 325.9 | 99.9 | 999.9 | 32.1 | 38. | | |
| 32.4 | 94.6 | 9976.7 | 275.0 | -47.2 | 99.9 | 217.5 | 27.2 | 16.5 | 21.5 | 326.9 | 326.9 | 99.9 | 999.9 | 35.8 | 38. | | |
| 35.1 | 99.2 | 10622.2 | 250.0 | -50.8 | 99.9 | 224.2 | 29.0 | 20.3 | 20.8 | 330.5 | 326.9 | 99.9 | 999.9 | 40.6 | 38. | | |
| 37.5 | 104.2 | 11291.0 | 225.0 | -55.4 | 99.9 | 228.4 | 26.2 | 15.6 | 17.4 | 333.6 | 326.9 | 99.9 | 999.9 | 44.6 | 39. | | |
| 39.9 | 109.5 | 12026.9 | 200.0 | -57.3 | 99.9 | 214.3 | 23.6 | 13.3 | 19.5 | 342.0 | 326.9 | 99.9 | 999.9 | 48.2 | 39. | | |
| 42.5 | 115.5 | 12869.5 | 175.0 | -59.5 | 99.9 | 225.2 | 19.7 | 11.6 | 11.7 | 351.7 | 326.9 | 99.9 | 999.9 | 51.6 | 39. | | |
| 45.7 | 121.5 | 13840.7 | 150.0 | -56.8 | 99.9 | 221.1 | 17.8 | 11.7 | 13.4 | 372.2 | 326.9 | 99.9 | 999.9 | 54.3 | 40. | | |
| 49.7 | 129.0 | 14934.7 | 125.0 | -58.4 | 99.9 | 229.8 | 10.0 | 7.7 | 6.5 | 389.2 | 326.9 | 99.9 | 999.9 | 57.5 | 40. | | |
| 50.9 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 | | |
| 50.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 | | |
| 50.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 | | |
| 50.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 | | |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG

STATION NO. 10
GOOLAND, KANSAS
19 APRIL 1979
2305 GMT

| TIME MIN | CNTCT | WEIGHT GPM | PRES MB | TEMP DG C | DEV PT DG C | DIA DG | SPEED M/SEC | V COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | WIND GM/SEC | 2M PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|----------------|-----------|-------------|----------|
| 0.0 | 17.0 | 1115.0 | 879.4 | 24.0 | 9.6 | 340.0 | 0.0 | 0.0 | 0.0 | 308.2 | 332.4 | 0.0 | 48.2 | 0.0 | 0. |
| 00.7 | 00.0 | 00.0 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.7 | 00.0 | 00.0 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.7 | 00.0 | 00.0 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.7 | 00.0 | 00.0 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.7 | 00.0 | 00.0 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.7 | 00.0 | 00.0 | 875.0 | 23.3 | 99.9 | 6.6 | 11.5 | -11.4 | -11.4 | 308.2 | 332.4 | 99.9 | 99.9 | 0.4 | 188. |
| 0.2 | 15.2 | 1158.0 | 850.0 | 21.5 | 7.6 | 12.0 | 8.7 | -9.5 | -9.5 | 308.7 | 332.4 | 7.8 | 40.8 | 0.6 | 188. |
| 0.7 | 23.6 | 1410.6 | 825.0 | 20.2 | 6.6 | 26.0 | 4.6 | -2.1 | -2.1 | 309.9 | 328.5 | 6.5 | 36.0 | 1.0 | 192. |
| 1.2 | 23.1 | 1658.7 | 800.0 | 18.3 | 2.0 | 30.9 | 2.8 | -2.4 | -2.4 | 310.7 | 327.7 | 5.9 | 35.6 | 1.2 | 195. |
| 2.2 | 25.5 | 1933.0 | 775.0 | 16.0 | 1.2 | 144.2 | 1.8 | 1.4 | 1.4 | 311.1 | 326.8 | 5.4 | 36.5 | 1.3 | 196. |
| 3.7 | 29.5 | 2234.2 | 750.0 | 14.0 | -0.4 | 174.6 | 4.3 | 1.1 | 1.1 | 311.7 | 326.0 | 4.8 | 36.2 | 1.1 | 196. |
| 4.7 | 37.5 | 2431.9 | 725.0 | 11.5 | -2.2 | 190.7 | 6.9 | 0.9 | 0.9 | 312.0 | 325.3 | 4.5 | 39.3 | 0.7 | 199. |
| 5.4 | 33.1 | 2766.6 | 700.0 | 8.6 | -4.1 | 198.0 | 9.5 | 1.7 | 1.7 | 312.1 | 323.9 | 4.0 | 39.4 | 0.3 | 200. |
| 7.1 | 35.7 | 3258.5 | 675.0 | 5.6 | -6.0 | 203.1 | 6.1 | 2.4 | 2.4 | 312.6 | 322.8 | 3.6 | 42.7 | 0.1 | 204. |
| 8.3 | 38.3 | 3357.7 | 650.0 | 2.0 | -6.0 | 201.3 | 6.4 | 2.3 | 2.3 | 312.2 | 322.0 | 3.6 | 49.2 | 0.5 | 21. |
| 9.5 | 41.1 | 3664.7 | 625.0 | 0.0 | -6.0 | 195.1 | 6.5 | 2.4 | 2.4 | 312.5 | 322.3 | 3.3 | 53.2 | 1.0 | 21. |
| 10.5 | 43.9 | 3860.0 | 600.0 | -2.0 | -4.0 | 189.7 | 10.2 | 1.7 | 1.7 | 312.9 | 322.0 | 3.0 | 59.0 | 1.4 | 18. |
| 11.4 | 45.6 | 4064.4 | 575.0 | -6.0 | -10.6 | 187.1 | 12.0 | 1.5 | 1.5 | 313.0 | 321.9 | 2.9 | 68.4 | 2.3 | 15. |
| 12.7 | 49.5 | 4641.9 | 550.0 | -9.4 | -11.5 | 186.1 | 13.1 | 1.4 | 1.4 | 313.0 | 321.9 | 2.9 | 68.4 | 2.3 | 15. |
| 13.5 | 52.4 | 4948.2 | 525.0 | -12.5 | -12.7 | 185.9 | 13.5 | 1.4 | 1.4 | 313.4 | 321.8 | 2.7 | 97.9 | 3.5 | 12. |
| 14.3 | 53.4 | 5366.0 | 500.0 | -14.8 | -14.8 | 184.8 | 13.8 | 1.6 | 1.6 | 315.0 | 322.5 | 2.4 | 97.9 | 3.5 | 12. |
| 15.3 | 58.5 | 5717.5 | 475.0 | -17.2 | -17.2 | 189.2 | 13.0 | 2.4 | 2.4 | 316.7 | 323.3 | 2.1 | 103.6 | 4.7 | 10. |
| 15.4 | 61.7 | 6104.3 | 450.0 | -19.7 | -19.7 | 194.0 | 16.3 | 4.0 | 4.0 | 318.5 | 324.2 | 1.8 | 100.6 | 5.6 | 11. |
| 16.7 | 65.0 | 6507.9 | 425.0 | -22.9 | -23.1 | 198.2 | 18.5 | 5.8 | 5.8 | 319.7 | 324.2 | 1.4 | 95.4 | 6.5 | 11. |
| 17.5 | 69.4 | 6910.3 | 400.0 | -29.2 | -33.3 | 206.5 | 22.0 | 9.8 | 9.8 | 317.0 | 319.0 | 0.4 | 67.9 | 7.9 | 13. |
| 18.4 | 71.9 | 7169.6 | 375.0 | -32.2 | -37.3 | 215.1 | 28.2 | 18.2 | 18.2 | 319.0 | 320.4 | 0.4 | 60.4 | 9.6 | 17. |
| 20.3 | 75.5 | 7428.1 | 350.0 | -35.3 | -40.5 | 221.4 | 27.7 | 18.3 | 18.3 | 321.2 | 322.0 | 0.2 | 43.7 | 15.5 | 25. |
| 23.5 | 79.3 | 8111.5 | 325.0 | -40.8 | -48.5 | 221.6 | 26.9 | 17.9 | 17.9 | 326.6 | 327.2 | 0.1 | 26.8 | 22.7 | 31. |
| 27.9 | 83.2 | 9077.8 | 300.0 | -40.8 | 99.9 | 223.4 | 26.2 | 18.1 | 18.1 | 327.9 | 327.9 | 99.9 | 99.9 | 26.8 | 34. |
| 29.2 | 87.3 | 9370.0 | 275.0 | -45.1 | 99.9 | 222.5 | 23.6 | 15.9 | 15.9 | 329.9 | 329.9 | 99.9 | 99.9 | 26.7 | 33. |
| 30.5 | 91.7 | 9864.9 | 250.0 | -50.4 | 99.9 | 217.0 | 22.6 | 13.6 | 13.6 | 331.1 | 329.9 | 99.9 | 99.9 | 26.7 | 33. |
| 32.1 | 96.2 | 10336.2 | 225.0 | -55.8 | 99.9 | 213.3 | 22.0 | 12.5 | 12.5 | 333.0 | 329.9 | 99.9 | 99.9 | 26.8 | 33. |
| 34.5 | 101.2 | 11273.3 | 200.0 | -56.4 | 99.9 | 211.2 | 20.3 | 10.5 | 10.5 | 343.4 | 329.9 | 97.9 | 99.9 | 36.0 | 33. |
| 37.3 | 114.4 | 12010.3 | 175.0 | -58.3 | 99.9 | 215.7 | 15.0 | 8.7 | 8.7 | 353.8 | 329.9 | 99.9 | 99.9 | 38.6 | 33. |
| 40.4 | 112.3 | 12864.6 | 150.0 | -59.1 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 368.4 | 329.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 43.2 | 118.1 | 13833.4 | 125.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 49.9 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 50.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 59.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.0 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 10
GOODLAND, KANSAS
20 APRIL 1979
205 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DEG K | E POT T DEG K | MX RTO M/SEC | RM PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|-----------------|-----------|-------------|-----------|
| 0.0 | 14.1 | 1115.0 | 881.0 | 18.6 | 5.1 | 50.0 | 3.6 | -2.8 | -2.3 | 302.5 | 320.1 | 1.3 | 41.0 | 0.0 | 0.0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.3 | 18.7 | 1173.7 | 875.0 | 18.4 | 6.3 | 38.2 | 6.3 | -3.9 | -5.0 | 302.9 | 322.0 | 6.9 | 45.3 | 0.0 | 0.0 |
| 1.2 | 21.2 | 1422.0 | 850.0 | 17.4 | 5.4 | 38.1 | 11.2 | -6.3 | -9.3 | 304.4 | 323.1 | 6.7 | 45.3 | 0.0 | 0.0 |
| 2.1 | 23.7 | 1575.9 | 825.0 | 14.8 | 4.2 | 39.8 | 14.2 | -9.1 | -10.9 | 304.2 | 321.9 | 6.3 | 45.3 | 0.0 | 0.0 |
| 3.1 | 26.2 | 1735.5 | 800.0 | 13.0 | 4.1 | 55.5 | 12.3 | -10.1 | -7.0 | 305.0 | 321.2 | 6.5 | 54.9 | 0.0 | 0.0 |
| 3.9 | 29.4 | 2201.3 | 775.0 | 10.2 | 2.9 | 72.4 | 10.7 | -10.2 | -3.2 | 304.8 | 322.1 | 6.1 | 60.6 | 0.0 | 0.0 |
| 4.9 | 31.5 | 2473.6 | 750.0 | 8.5 | 3.9 | 91.6 | 11.0 | -11.0 | 0.3 | 305.8 | 324.8 | 6.8 | 72.7 | 0.0 | 0.0 |
| 6.1 | 34.7 | 2753.2 | 725.0 | 6.5 | 3.5 | 126.3 | 10.5 | -8.4 | 6.2 | 306.6 | 325.9 | 6.8 | 81.1 | 0.0 | 0.0 |
| 7.0 | 36.9 | 3040.9 | 700.0 | 4.6 | 99.9 | 152.7 | 10.4 | -4.8 | 9.3 | 307.6 | 329.9 | 99.9 | 99.9 | 0.0 | 0.0 |
| 8.0 | 39.7 | 3337.1 | 675.0 | 3.8 | -4.7 | 176.6 | 8.4 | -0.5 | 8.4 | 309.9 | 321.7 | 4.0 | 53.6 | 0.0 | 0.0 |
| 9.2 | 42.4 | 3642.7 | 650.0 | 1.8 | 99.9 | 198.6 | 7.1 | 2.3 | 6.7 | 311.0 | 329.9 | 99.9 | 99.9 | 0.0 | 0.0 |
| 10.3 | 45.4 | 3957.5 | 625.0 | -1.0 | -11.1 | 211.3 | 7.9 | 4.1 | 7.4 | 311.9 | 318.9 | 2.3 | 45.9 | 0.0 | 0.0 |
| 11.3 | 48.3 | 4281.9 | 600.0 | -3.6 | -13.3 | 211.0 | 8.6 | 4.4 | 7.4 | 311.9 | 318.9 | 2.3 | 45.9 | 0.0 | 0.0 |
| 12.1 | 51.3 | 4616.2 | 575.0 | -6.9 | -14.2 | 211.9 | 10.9 | 5.8 | 9.2 | 312.0 | 318.8 | 2.2 | 55.7 | 0.0 | 0.0 |
| 13.4 | 54.4 | 4961.2 | 550.0 | -10.1 | -15.6 | 210.1 | 13.4 | 6.7 | 11.6 | 312.1 | 318.5 | 2.1 | 63.9 | 0.0 | 0.0 |
| 15.1 | 57.5 | 5317.7 | 525.0 | -13.6 | -17.0 | 211.6 | 14.5 | 7.6 | 12.4 | 312.1 | 318.1 | 1.9 | 74.3 | 0.0 | 0.0 |
| 16.2 | 60.7 | 5656.7 | 500.0 | -16.3 | -22.2 | 218.5 | 17.0 | 10.6 | 13.3 | 313.2 | 317.3 | 1.3 | 80.2 | 0.0 | 0.0 |
| 18.5 | 64.0 | 6070.5 | 475.0 | -13.7 | -31.1 | 226.7 | 21.2 | 15.5 | 14.6 | 314.8 | 316.8 | 0.6 | 92.5 | 0.0 | 0.0 |
| 20.1 | 67.4 | 6472.8 | 450.0 | -20.4 | 99.9 | 226.5 | 25.9 | 18.8 | 17.9 | 317.6 | 309.9 | 99.9 | 99.9 | 0.0 | 0.0 |
| 21.3 | 70.0 | 6894.2 | 425.0 | -22.6 | -42.6 | 210.1 | 27.7 | 17.1 | 21.8 | 320.0 | 320.7 | 0.2 | 14.2 | 0.0 | 0.0 |
| 22.4 | 74.6 | 7336.8 | 400.0 | -26.2 | 99.9 | 210.8 | 27.4 | 14.0 | 23.5 | 321.0 | 320.9 | 99.9 | 99.9 | 0.0 | 0.0 |
| 24.5 | 78.3 | 7800.5 | 375.0 | -29.5 | -48.4 | 207.9 | 26.9 | 12.6 | 23.8 | 322.5 | 323.0 | 0.1 | 13.9 | 0.0 | 0.0 |
| 26.7 | 82.0 | 8299.3 | 350.0 | -32.9 | -50.6 | 203.6 | 25.4 | 11.0 | 22.9 | 324.4 | 324.7 | 0.1 | 14.9 | 0.0 | 0.0 |
| 29.9 | 86.1 | 8805.2 | 325.0 | -38.3 | 99.9 | 204.1 | 25.5 | 10.4 | 23.3 | 323.9 | 329.9 | 99.9 | 99.9 | 0.0 | 0.0 |
| 31.1 | 90.3 | 9350.5 | 300.0 | -42.8 | 99.9 | 207.3 | 26.1 | 12.0 | 24.2 | 325.0 | 329.9 | 99.9 | 99.9 | 0.0 | 0.0 |
| 33.1 | 94.7 | 9832.6 | 275.0 | -46.9 | 99.9 | 207.1 | 25.0 | 11.4 | 22.2 | 327.4 | 329.9 | 99.9 | 99.9 | 0.0 | 0.0 |
| 34.9 | 99.4 | 10356.8 | 250.0 | -52.2 | 99.9 | 208.7 | 23.4 | 8.3 | 21.9 | 328.5 | 329.9 | 99.9 | 99.9 | 0.0 | 0.0 |
| 37.2 | 104.4 | 11229.8 | 225.0 | -57.7 | 99.9 | 189.9 | 26.0 | 4.4 | 25.6 | 330.1 | 329.9 | 99.9 | 99.9 | 0.0 | 0.0 |
| 39.5 | 109.4 | 11964.2 | 200.0 | -61.0 | 99.9 | 202.1 | 26.2 | 9.9 | 24.3 | 336.3 | 329.9 | 99.9 | 99.9 | 0.0 | 0.0 |
| 42.3 | 115.4 | 12800.9 | 175.0 | -57.3 | 99.9 | 212.6 | 19.1 | 10.3 | 16.1 | 355.4 | 329.9 | 99.9 | 99.9 | 0.0 | 0.0 |
| 46.5 | 122.0 | 13775.5 | 150.0 | -50.6 | 99.9 | 225.6 | 16.2 | 11.6 | 11.3 | 369.1 | 329.9 | 99.9 | 99.9 | 0.0 | 0.0 |
| 50.2 | 129.0 | 14910.3 | 125.0 | -42.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 362.7 | 329.9 | 99.9 | 99.9 | 0.0 | 0.0 |
| 99.9 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

C-2

STATION NO. 10
GOODLAND, KANSAS
20 APRIL 1979
510 GMT

| TIME MST | CHTCY | HEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DEG K | E POT V DEG K | MX RTO CM/KG | RM PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|-----------------|-----------|-------------|-----------|
| 0.0 | 17.7 | 1115.0 | 984.5 | 14.2 | 5.3 | 20.0 | 13.4 | -4.6 | -12.6 | 297.6 | 314.9 | 6.3 | 55.0 | 0.0 | 0. |
| 9.0 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.6 | 18.5 | 1206.2 | 875.0 | 13.68 | 4.6 | 99.9 | 99.9 | 99.9 | 99.9 | 297.9 | 314.6 | 6.1 | 54.5 | 99.9 | 99.9 |
| 1.4 | 21.1 | 1449.5 | 850.0 | 11.3 | 2.7 | 99.9 | 99.9 | 99.9 | 99.9 | 298.0 | 313.1 | 5.5 | 55.2 | 99.9 | 99.9 |
| 2.2 | 23.6 | 1599.5 | 825.0 | 10.2 | -2.7 | 18.9 | 21.2 | -6.9 | -20.0 | 299.3 | 310.2 | 3.8 | 40.6 | 2.1 | 191. |
| 2.9 | 26.1 | 1954.2 | 800.0 | 9.6 | -4.1 | 99.9 | 99.9 | 99.9 | 99.9 | 301.4 | 311.6 | 3.5 | 37.7 | 3.1 | 194. |
| 3.3 | 28.7 | 2216.8 | 775.0 | 7.6 | -4.3 | 99.9 | 99.9 | 99.9 | 99.9 | 302.0 | 312.3 | 3.6 | 42.6 | 99.9 | 99.9 |
| 4.9 | 31.3 | 2486.0 | 750.0 | 5.88 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 302.9 | 309.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 6.3 | 34.0 | 2762.3 | 725.0 | 4.38 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 304.2 | 309.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 7.2 | 36.7 | 3348.6 | 700.0 | 4.4 | -0.9 | 99.9 | 99.9 | 99.9 | 99.9 | 307.4 | 322.3 | 5.2 | 68.4 | 99.9 | 99.9 |
| 8.1 | 39.4 | 3813.7 | 675.0 | 1.6 | -1.2 | 99.9 | 99.9 | 99.9 | 99.9 | 307.5 | 322.5 | 5.2 | 81.3 | 99.9 | 99.9 |
| 9.1 | 42.1 | 3647.0 | 650.0 | 0.1 | -0.1 | 99.9 | 99.9 | 99.9 | 99.9 | 309.1 | 320.2 | 3.7 | 63.2 | 5.4 | 193. |
| 10.6 | 45.0 | 3960.5 | 625.0 | -1.9 | -7.1 | 220.4 | 14.9 | 9.6 | 11.3 | 310.3 | 321.0 | 3.6 | 67.3 | 4.3 | 183. |
| 11.3 | 47.9 | 4283.9 | 600.0 | -4.6 | -8.2 | 208.6 | 16.5 | 7.9 | 14.5 | 310.8 | 321.1 | 3.4 | 75.6 | 3.4 | 174. |
| 13.3 | 50.9 | 4617.8 | 575.0 | -7.0 | -10.3 | 198.1 | 18.2 | 5.7 | 17.3 | 311.8 | 321.0 | 3.1 | 77.5 | 2.4 | 159. |
| 14.5 | 53.9 | 4962.9 | 550.0 | -10.0 | -12.6 | 193.6 | 17.7 | 4.2 | 17.2 | 312.2 | 320.3 | 2.5 | 81.6 | 1.4 | 112. |
| 15.5 | 57.0 | 5319.8 | 525.0 | -13.3 | -15.6 | 195.2 | 18.0 | 4.7 | 17.3 | 312.5 | 319.2 | 2.2 | 82.4 | 1.6 | 71. |
| 16.7 | 60.1 | 5689.7 | 500.0 | -16.2 | -18.6 | 199.3 | 18.1 | 6.0 | 17.1 | 313.3 | 318.9 | 1.8 | 81.5 | 2.5 | 49. |
| 18.3 | 63.4 | 6073.3 | 475.0 | -19.5 | -20.1 | 206.0 | 17.5 | 7.7 | 15.8 | 313.8 | 319.0 | 1.6 | 94.7 | 3.8 | 40. |
| 19.4 | 66.4 | 6473.2 | 450.0 | -22.7 | -25.1 | 213.3 | 18.5 | 10.2 | 15.5 | 314.8 | 318.4 | 1.1 | 80.6 | 5.3 | 37. |
| 20.3 | 70.1 | 6890.6 | 425.0 | -24.6 | -27.3 | 218.4 | 23.7 | 14.7 | 18.5 | 317.4 | 318.7 | 0.4 | 30.2 | 7.1 | 37. |
| 22.4 | 73.7 | 7331.0 | 400.0 | -26.4 | -29.9 | 218.6 | 30.3 | 18.9 | 23.7 | 320.7 | 321.3 | 0.2 | 15.3 | 9.9 | 37. |
| 24.2 | 77.4 | 7794.4 | 375.0 | -29.9 | -32.9 | 217.1 | 32.9 | 19.9 | 26.3 | 322.0 | 322.6 | 0.1 | 17.7 | 13.1 | 37. |
| 25.7 | 81.3 | 8283.0 | 350.0 | -33.0 | -35.0 | 215.8 | 32.2 | 18.9 | 26.1 | 324.3 | 324.7 | 0.1 | 16.2 | 16.1 | 37. |
| 27.3 | 85.3 | 8799.5 | 325.0 | -37.2 | -39.3 | 214.5 | 33.7 | 19.1 | 27.7 | 325.4 | 325.7 | 0.1 | 16.8 | 19.2 | 37. |
| 29.2 | 89.5 | 9347.4 | 300.0 | -41.8 | -44.8 | 211.1 | 32.0 | 16.5 | 27.4 | 326.4 | 326.9 | 99.9 | 99.9 | 23.0 | 36. |
| 31.1 | 93.8 | 9931.6 | 275.0 | -46.0 | -49.9 | 206.7 | 32.6 | 14.6 | 29.1 | 328.6 | 329.9 | 99.9 | 99.9 | 26.5 | 35. |
| 33.2 | 98.6 | 10557.9 | 250.0 | -51.4 | -54.9 | 201.3 | 30.5 | 11.1 | 28.5 | 329.6 | 329.9 | 99.9 | 99.9 | 30.5 | 34. |
| 35.3 | 103.6 | 11236.0 | 225.0 | -55.5 | -59.9 | 192.2 | 33.4 | 7.1 | 32.7 | 333.5 | 333.5 | 99.9 | 99.9 | 34.3 | 32. |
| 37.9 | 108.9 | 11978.9 | 200.0 | -58.3 | -62.9 | 205.3 | 29.9 | 12.8 | 27.0 | 340.4 | 340.4 | 99.9 | 99.9 | 39.1 | 30. |
| 40.4 | 114.5 | 12924.8 | 175.0 | -55.3 | -59.9 | 211.4 | 22.8 | 11.9 | 19.4 | 353.7 | 353.7 | 99.9 | 99.9 | 43.1 | 30. |
| 44.6 | 121.0 | 13810.2 | 150.0 | -55.4 | -59.9 | 231.8 | 16.3 | 12.8 | 10.1 | 374.6 | 374.6 | 99.9 | 99.9 | 47.6 | 31. |
| 48.4 | 128.0 | 14963.5 | 125.0 | -59.7 | -62.9 | 99.9 | 99.9 | 99.9 | 99.9 | 386.9 | 386.9 | 99.9 | 99.9 | 50.8 | 33. |
| 99.9 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 10
GOODLAND, KANSAS

20 APRIL 1979
010 GMT

| TIME MIN | CNCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.7 | 17.4 | 1115.0 | 889.1 | 9.5 | 4.9 | 999.9 | 99.9 | 99.9 | 99.9 | 292.3 | 308.7 | 6.1 | 73.0 | 0.0 | 0. |
| 99.7 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.7 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.7 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.7 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.7 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.7 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.7 | 18.9 | 1247.9 | 875.0 | 5.8 | 6.5 | 999.9 | 99.9 | 99.9 | 99.9 | 292.9 | 311.4 | 7.0 | 85.6 | 999.9 | 999.9 |
| 2.3 | 21.4 | 1497.2 | 850.0 | 6.1 | 5.5 | 999.9 | 99.9 | 99.9 | 99.9 | 292.6 | 310.4 | 6.7 | 95.9 | 999.9 | 999.9 |
| 2.3 | 21.9 | 1711.6 | 825.0 | 4.7 | 3.8 | 353.9 | 21.0 | 2.2 | -20.9 | 293.5 | 310.0 | 6.1 | 94.4 | 2.5 | 165. |
| 4.7 | 24.5 | 1942.6 | 800.0 | 3.8 | 1.2 | 0.4 | 20.5 | -0.1 | -20.5 | 295.2 | 309.5 | 5.3 | 83.6 | 3.9 | 170. |
| 5.3 | 29.1 | 2239.9 | 775.0 | 1.9 | -0.4 | 7.7 | 18.8 | -2.5 | -18.6 | 295.9 | 309.1 | 4.8 | 84.4 | 5.1 | 174. |
| 5.7 | 31.4 | 2534.3 | 750.0 | 0.6 | -2.2 | 13.7 | 22.2 | -5.2 | -21.5 | 297.3 | 309.3 | 4.3 | 81.0 | 6.0 | 176. |
| 6.5 | 34.4 | 2775.9 | 725.0 | -1.3 | -3.3 | 18.4 | 18.2 | -5.7 | -17.3 | 298.0 | 309.7 | 4.2 | 86.7 | 7.0 | 179. |
| 7.5 | 37.2 | 3055.5 | 700.0 | -2.2 | -3.0 | 66.5 | 7.8 | -7.3 | -2.9 | 300.1 | 312.5 | 4.4 | 94.5 | 7.7 | 181. |
| 8.5 | 43.0 | 3345.4 | 675.0 | -1.9 | -2.4 | 232.2 | 2.0 | 1.6 | 1.2 | 303.5 | 317.1 | 4.6 | 96.4 | 7.5 | 182. |
| 9.5 | 42.9 | 3645.5 | 650.0 | -2.8 | -6.6 | 233.9 | 6.5 | 5.3 | 3.6 | 305.8 | 316.3 | 3.6 | 75.3 | 7.5 | 181. |
| 10.7 | 45.4 | 3956.6 | 625.0 | -7.0 | -26.1 | 222.5 | 13.8 | 9.3 | 10.2 | 309.1 | 311.9 | 0.9 | 18.2 | 7.0 | 177. |
| 11.7 | 48.8 | 4278.6 | 600.0 | -5.0 | -28.4 | 211.5 | 18.2 | 9.5 | 15.6 | 310.4 | 312.4 | 0.6 | 13.9 | 6.1 | 169. |
| 13.3 | 51.4 | 4611.7 | 575.0 | -7.4 | -25.7 | 203.2 | 20.2 | 7.9 | 18.5 | 311.3 | 314.0 | 0.8 | 21.3 | 5.1 | 161. |
| 14.3 | 54.9 | 4955.7 | 550.0 | -10.9 | -25.4 | 197.8 | 20.3 | 6.2 | 19.3 | 311.1 | 314.0 | 0.9 | 29.2 | 4.1 | 147. |
| 15.5 | 58.0 | 5310.8 | 525.0 | -14.5 | -30.3 | 196.1 | 20.0 | 5.5 | 19.3 | 311.0 | 312.9 | 0.6 | 24.7 | 3.3 | 126. |
| 16.2 | 61.3 | 5678.6 | 500.0 | -17.5 | -41.3 | 203.7 | 19.5 | 7.8 | 17.8 | 311.7 | 312.3 | 0.2 | 8.5 | 3.2 | 97. |
| 18.2 | 64.5 | 6000.9 | 475.0 | -20.1 | -62.5 | 214.6 | 20.4 | 11.6 | 16.8 | 313.2 | 313.2 | 0.0 | 1.0 | 4.0 | 77. |
| 19.5 | 67.9 | 6459.0 | 450.0 | -23.2 | -62.8 | 217.9 | 21.4 | 13.1 | 16.9 | 314.0 | 314.1 | 0.0 | 1.3 | 5.4 | 65. |
| 21.7 | 71.4 | 6974.2 | 425.0 | -27.2 | -65.2 | 222.0 | 24.1 | 16.1 | 17.9 | 314.1 | 314.2 | 0.0 | 1.4 | 7.2 | 59. |
| 22.4 | 75.0 | 7378.1 | 400.0 | -29.6 | -60.2 | 226.9 | 29.6 | 21.6 | 20.2 | 316.6 | 316.7 | 0.0 | 3.3 | 9.5 | 55. |
| 24.2 | 78.7 | 7767.2 | 375.0 | -32.1 | -59.1 | 229.7 | 33.3 | 25.4 | 21.5 | 319.2 | 319.3 | 0.0 | 4.8 | 12.8 | 54. |
| 25.3 | 82.7 | 8231.1 | 350.0 | -35.4 | -62.4 | 225.3 | 33.6 | 23.9 | 23.6 | 321.0 | 321.1 | 0.0 | 4.4 | 16.4 | 53. |
| 27.7 | 86.7 | 8731.3 | 325.0 | -39.0 | -64.9 | 215.1 | 36.0 | 20.7 | 29.5 | 323.0 | 999.9 | 99.9 | 999.9 | 20.0 | 50. |
| 29.7 | 91.0 | 9107.4 | 300.0 | -42.9 | -64.9 | 211.4 | 37.4 | 19.5 | 31.9 | 324.9 | 999.9 | 99.9 | 999.9 | 24.1 | 47. |
| 31.4 | 95.4 | 9449.4 | 275.0 | -46.7 | -60.9 | 216.1 | 37.1 | 21.9 | 30.0 | 327.6 | 999.9 | 99.9 | 999.9 | 28.4 | 45. |
| 33.3 | 100.2 | 10514.9 | 250.0 | -51.1 | -61.1 | 211.0 | 33.8 | 17.4 | 29.0 | 330.1 | 999.9 | 99.9 | 999.9 | 33.2 | 44. |
| 36.7 | 105.7 | 11193.7 | 225.0 | -55.1 | -61.1 | 203.9 | 32.6 | 13.2 | 29.8 | 334.1 | 999.9 | 99.9 | 999.9 | 37.1 | 42. |
| 39.5 | 110.5 | 11742.3 | 200.0 | -55.9 | -61.1 | 216.0 | 27.4 | 16.1 | 23.2 | 344.2 | 999.9 | 99.9 | 999.9 | 41.8 | 40. |
| 41.6 | 116.4 | 12400.2 | 175.0 | -53.7 | -61.1 | 227.4 | 23.5 | 17.3 | 15.9 | 361.3 | 999.9 | 99.9 | 999.9 | 46.2 | 40. |
| 44.5 | 122.7 | 13784.9 | 150.0 | -55.3 | -61.1 | 220.4 | 16.4 | 10.6 | 12.5 | 374.8 | 999.9 | 99.9 | 999.9 | 50.1 | 41. |
| 48.5 | 129.7 | 14941.9 | 125.0 | -58.5 | -61.1 | 999.9 | 99.9 | 99.9 | 99.9 | 380.1 | 999.9 | 99.9 | 999.9 | 52.3 | 41. |
| 49.3 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.7 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.7 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.7 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 10
GOODLAND, KANSAS

20 APRIL 1979
1115 GMT

95 184. 0

| TIME MIN | CNTCT | HEIGHT GPM | PRES MD | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GN/KG | RM PCT | RANGE AZ KM | DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|----------------|------|
| 0.7 | 16.3 | 1115.0 | 991.0 | 7.0 | 3.3 | 999.9 | 99.9 | 99.9 | 99.9 | 289.6 | 304.0 | 5.4 | 77.0 | 0.0 | 0. |
| 99.3 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.3 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.3 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.3 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.5 | 17.9 | 1264.6 | 875.0 | 9.28 | 1.7 | 999.9 | 99.9 | 99.9 | 99.9 | 292.3 | 305.7 | 5.0 | 63.6 | 99.9 | 99.9 |
| 1.4 | 20.3 | 1504.3 | 850.0 | 7.6 | -0.7 | 999.9 | 99.9 | 99.9 | 99.9 | 292.2 | 305.9 | 4.3 | 55.3 | 1.3 | 173. |
| 2.4 | 22.7 | 1749.6 | 825.0 | 6.0 | -2.1 | 344.5 | 14.4 | 3.8 | -13.9 | 293.0 | 306.0 | 4.0 | 55.8 | 2.2 | 170. |
| 3.4 | 25.2 | 2001.3 | 800.0 | 4.1 | -3.4 | 341.6 | 17.6 | 5.6 | -16.7 | 293.5 | 306.9 | 3.7 | 58.0 | 3.2 | 168. |
| 4.4 | 27.7 | 2258.7 | 775.0 | 2.0 | -4.3 | 340.7 | 17.4 | 5.8 | -16.5 | 295.0 | 308.0 | 3.6 | 62.7 | 4.3 | 166. |
| 5.4 | 30.3 | 2522.5 | 750.0 | -0.0 | -5.5 | 346.6 | 16.7 | 3.9 | -16.2 | 296.5 | 308.1 | 3.4 | 66.3 | 5.3 | 165. |
| 6.5 | 32.9 | 2793.4 | 725.0 | -1.7 | -6.6 | 352.7 | 16.0 | 2.0 | -15.9 | 297.6 | 308.8 | 3.2 | 69.1 | 6.4 | 166. |
| 7.4 | 35.4 | 3072.2 | 700.0 | -3.3 | -6.5 | 357.3 | 11.2 | 0.5 | -11.2 | 298.6 | 308.4 | 3.3 | 78.4 | 7.1 | 167. |
| 8.5 | 38.2 | 3359.7 | 675.0 | -4.1 | -4.2 | 315.5 | 5.8 | 4.1 | -4.2 | 303.7 | 312.9 | 4.1 | 98.7 | 7.7 | 168. |
| 9.5 | 40.9 | 3657.4 | 650.0 | -4.6 | -6.4 | 262.3 | 8.0 | 8.0 | 1.1 | 303.7 | 312.9 | 3.6 | 97.5 | 7.8 | 165. |
| 10.7 | 43.7 | 3945.1 | 625.0 | -7.0 | -10.6 | 256.1 | 12.3 | 11.9 | 3.0 | 304.5 | 312.6 | 2.7 | 75.2 | 7.0 | 160. |
| 11.9 | 46.5 | 4232.1 | 600.0 | -9.8 | -13.9 | 255.1 | 14.4 | 13.9 | 3.7 | 304.8 | 311.3 | 2.2 | 71.5 | 8.0 | 153. |
| 13.1 | 49.4 | 4509.2 | 575.0 | -11.4 | -28.8 | 244.2 | 15.9 | 14.3 | 6.9 | 306.6 | 308.8 | 0.7 | 24.3 | 8.2 | 145. |
| 14.4 | 52.4 | 4790.0 | 550.0 | -12.6 | -41.0 | 235.6 | 15.8 | 13.1 | 9.0 | 309.1 | 309.8 | 0.2 | 7.2 | 8.4 | 137. |
| 15.7 | 55.4 | 5033.2 | 525.0 | -15.2 | -42.9 | 237.9 | 16.7 | 14.1 | 8.9 | 310.2 | 310.7 | 0.2 | 7.2 | 8.7 | 129. |
| 17.2 | 58.5 | 5670.2 | 500.0 | -17.6 | -44.1 | 241.5 | 17.9 | 15.7 | 8.5 | 311.6 | 312.1 | 0.1 | 7.8 | 9.3 | 119. |
| 18.6 | 61.6 | 6351.6 | 475.0 | -21.0 | -46.2 | 243.3 | 18.2 | 16.3 | 8.2 | 312.0 | 312.5 | 0.1 | 8.2 | 10.2 | 112. |
| 20.3 | 65.0 | 6448.4 | 450.0 | -23.9 | -47.9 | 246.4 | 20.2 | 18.6 | 8.1 | 313.2 | 313.6 | 0.1 | 8.7 | 11.3 | 107. |
| 21.3 | 68.1 | 6942.7 | 425.0 | -27.5 | -47.6 | 242.3 | 24.2 | 21.4 | 11.2 | 313.7 | 314.2 | 0.1 | 12.7 | 12.6 | 101. |
| 22.7 | 71.0 | 7295.6 | 400.0 | -31.0 | -50.0 | 237.2 | 26.6 | 22.3 | 14.4 | 314.7 | 315.1 | 0.1 | 13.3 | 13.4 | 95. |
| 24.2 | 75.4 | 7749.7 | 375.0 | -34.9 | -52.0 | 232.5 | 29.3 | 23.3 | 17.8 | 315.5 | 315.8 | 0.1 | 13.3 | 13.4 | 90. |
| 25.3 | 79.3 | 8228.1 | 350.0 | -39.0 | -54.6 | 227.1 | 34.4 | 25.2 | 23.4 | 317.6 | 317.8 | 0.1 | 15.4 | 15.9 | 84. |
| 27.7 | 83.2 | 8735.1 | 325.0 | -41.0 | 99.9 | 226.5 | 37.3 | 27.1 | 25.7 | 320.2 | 999.9 | 99.9 | 999.9 | 22.1 | 78. |
| 29.5 | 87.3 | 9276.1 | 300.0 | -44.0 | 99.9 | 222.2 | 40.8 | 27.4 | 30.2 | 323.4 | 999.9 | 99.9 | 999.9 | 25.9 | 72. |
| 31.9 | 91.7 | 9855.0 | 275.0 | -49.5 | 99.9 | 220.3 | 40.5 | 26.2 | 30.9 | 325.0 | 999.9 | 99.9 | 999.9 | 30.9 | 67. |
| 34.5 | 96.2 | 10477.0 | 250.0 | -52.0 | 99.9 | 216.0 | 37.2 | 21.9 | 30.1 | 328.8 | 999.9 | 99.9 | 999.9 | 36.5 | 62. |
| 36.7 | 101.2 | 11155.8 | 225.0 | -54.5 | 99.9 | 214.3 | 33.8 | 19.0 | 27.9 | 335.0 | 999.9 | 99.9 | 999.9 | 40.9 | 59. |
| 39.5 | 106.4 | 11907.9 | 200.0 | -56.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 342.7 | 999.9 | 99.9 | 999.9 | 99.9 | 99.9 |
| 99.3 | 99.9 | 99.9 | 175.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.3 | 99.9 | 99.9 | 150.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.3 | 99.9 | 99.9 | 125.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.3 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.3 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.3 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.3 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 12
JUNCTION, TEXAS

19 APRIL 1979
1120 GMT

111 103. 0

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT Y DG K | WX RTO G/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|----------------|-----------|-------------|----------|
| 0.7 | 11.3 | 521.0 | 951.7 | 18.5 | 14.0 | 180.0 | 1.5 | 0.0 | 1.5 | 295.8 | 323.9 | 10.6 | 75.0 | 0.0 | 0. |
| 99.3 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.1 | 11.4 | 516.5 | 950.0 | 18.7 | 13.8 | 177.5 | 3.0 | -0.1 | 3.0 | 296.2 | 324.1 | 10.5 | 73.2 | 0.0 | 4. |
| 1.3 | 13.5 | 766.3 | 925.0 | 18.9 | 11.8 | 165.5 | 12.9 | -3.2 | 12.5 | 298.6 | 324.1 | 9.5 | 63.7 | 0.5 | 0. |
| 1.5 | 15.9 | 1002.6 | 905.0 | 20.5 | 10.2 | 165.2 | 18.6 | -4.8 | 18.0 | 302.6 | 326.6 | 8.8 | 51.8 | 1.1 | 351. |
| 2.4 | 17.9 | 1245.9 | 875.0 | 19.8 | 9.6 | 172.0 | 18.2 | -2.5 | 18.0 | 304.3 | 326.1 | 8.6 | 51.8 | 2.0 | 349. |
| 3.3 | 20.2 | 1495.4 | 850.0 | 18.7 | 8.7 | 174.2 | 17.0 | -0.2 | 17.0 | 305.8 | 329.0 | 8.3 | 51.9 | 2.9 | 352. |
| 4.7 | 22.4 | 1751.1 | 825.0 | 16.6 | 8.0 | 183.9 | 16.1 | 1.1 | 16.0 | 306.2 | 329.0 | 8.2 | 56.6 | 3.6 | 354. |
| 4.9 | 24.7 | 2012.5 | 800.0 | 14.6 | 6.5 | 191.4 | 15.8 | 3.1 | 15.5 | 306.7 | 328.2 | 7.6 | 58.1 | 4.4 | 356. |
| 5.7 | 27.0 | 2280.3 | 775.0 | 12.6 | 5.0 | 198.3 | 17.2 | 5.4 | 16.3 | 307.4 | 327.5 | 7.1 | 59.7 | 5.2 | 359. |
| 6.4 | 29.4 | 2555.1 | 750.0 | 13.8 | 3.3 | 207.5 | 17.4 | 8.0 | 15.5 | 308.3 | 326.8 | 6.5 | 59.7 | 6.1 | 3. |
| 7.5 | 31.8 | 2837.2 | 725.0 | 8.7 | 1.8 | 212.7 | 15.5 | 8.4 | 13.0 | 309.1 | 326.4 | 6.0 | 61.7 | 6.9 | 6. |
| 8.5 | 34.2 | 3126.9 | 700.0 | 6.8 | 0.7 | 218.3 | 9.7 | 6.0 | 7.6 | 310.0 | 326.8 | 5.8 | 65.1 | 7.6 | 9. |
| 9.4 | 36.7 | 3425.3 | 675.0 | 4.9 | 0.3 | 208.7 | 4.0 | 1.9 | 3.5 | 311.1 | 326.0 | 5.1 | 72.0 | 7.9 | 10. |
| 10.4 | 39.2 | 3732.3 | 650.0 | 2.5 | -1.9 | 137.6 | 2.8 | -1.9 | 2.1 | 311.0 | 326.8 | 4.9 | 80.4 | 8.0 | 10. |
| 11.4 | 41.7 | 4048.4 | 625.0 | -0.1 | -3.0 | 62.5 | 4.9 | -4.3 | -2.2 | 312.4 | 326.8 | 4.1 | 80.0 | 7.7 | 7. |
| 12.7 | 44.3 | 4374.1 | 600.0 | -2.9 | -5.9 | 40.3 | 5.6 | -3.6 | -4.3 | 312.8 | 325.1 | 3.5 | 78.6 | 7.2 | 5. |
| 14.7 | 47.0 | 4710.0 | 575.0 | -5.4 | -8.5 | 17.1 | 5.4 | -1.6 | -5.1 | 313.7 | 324.3 | 3.5 | 76.4 | 6.9 | 5. |
| 15.4 | 49.4 | 5037.6 | 550.0 | -8.0 | -11.4 | 6.7 | 3.3 | -0.4 | -3.3 | 314.6 | 323.5 | 2.9 | 76.4 | 6.7 | 5. |
| 16.7 | 52.4 | 5417.8 | 525.0 | -10.7 | -12.5 | 41.0 | 1.9 | -1.3 | -1.5 | 315.6 | 324.2 | 2.8 | 83.3 | 6.6 | 4. |
| 17.7 | 55.3 | 5791.5 | 500.0 | -13.3 | -15.5 | 66.1 | 1.5 | -0.5 | -0.6 | 316.9 | 324.1 | 2.3 | 83.3 | 6.6 | 4. |
| 19.2 | 59.1 | 6180.7 | 475.0 | -15.6 | -17.5 | 161.1 | 1.5 | -0.5 | 1.5 | 318.7 | 322.6 | 1.2 | 89.4 | 6.8 | 3. |
| 20.5 | 61.3 | 6586.5 | 450.0 | -18.0 | -19.3 | 234.7 | 5.7 | 4.6 | 3.3 | 320.6 | 326.6 | 1.7 | 91.3 | 7.2 | 9. |
| 21.9 | 64.4 | 7012.7 | 425.0 | -20.1 | -20.9 | 237.2 | 9.9 | 8.3 | 5.3 | 323.3 | 326.8 | 1.3 | 91.9 | 8.1 | 15. |
| 23.4 | 67.6 | 7459.7 | 400.0 | -23.3 | -23.3 | 227.1 | 13.5 | 9.9 | 9.2 | 324.7 | 329.1 | 1.3 | 91.9 | 8.1 | 15. |
| 25.4 | 70.9 | 7930.4 | 375.0 | -26.8 | -26.8 | 220.1 | 15.5 | 10.0 | 11.9 | 326.8 | 331.3 | 0.7 | 91.9 | 8.1 | 15. |
| 27.1 | 74.3 | 8428.5 | 350.0 | -28.9 | -36.4 | 216.1 | 17.1 | 10.1 | 13.9 | 329.7 | 331.5 | 0.5 | 91.9 | 8.1 | 15. |
| 28.4 | 77.9 | 8953.4 | 325.0 | -33.7 | -39.7 | 219.7 | 19.9 | 12.7 | 15.3 | 330.3 | 331.6 | 0.4 | 91.9 | 8.1 | 15. |
| 30.5 | 81.6 | 9509.4 | 300.0 | -38.7 | -44.7 | 225.3 | 19.7 | 14.0 | 13.9 | 330.9 | 331.8 | 0.2 | 91.9 | 8.1 | 15. |
| 32.7 | 85.4 | 10109.4 | 275.0 | -44.0 | -49.9 | 228.3 | 21.4 | 15.9 | 14.2 | 331.5 | 331.8 | 0.2 | 91.9 | 8.1 | 15. |
| 35.1 | 89.5 | 10712.1 | 250.0 | -49.7 | -54.9 | 236.3 | 23.0 | 19.1 | 12.8 | 332.2 | 331.8 | 0.2 | 91.9 | 8.1 | 15. |
| 37.2 | 93.9 | 11412.1 | 225.0 | -55.4 | -59.9 | 237.0 | 29.5 | 24.6 | 16.1 | 333.6 | 331.8 | 0.2 | 91.9 | 8.1 | 15. |
| 39.4 | 98.6 | 12152.8 | 200.0 | -61.2 | -65.9 | 245.1 | 27.1 | 24.6 | 11.4 | 335.9 | 331.8 | 0.2 | 91.9 | 8.1 | 15. |
| 42.7 | 103.6 | 12994.5 | 175.0 | -59.7 | -61.2 | 250.7 | 26.3 | 24.9 | 8.7 | 351.4 | 331.8 | 0.2 | 91.9 | 8.1 | 15. |
| 45.7 | 109.0 | 13948.7 | 150.0 | -60.9 | -62.4 | 255.8 | 25.1 | 24.3 | 6.2 | 365.2 | 331.8 | 0.2 | 91.9 | 8.1 | 15. |
| 49.1 | 115.9 | 15068.8 | 125.0 | -62.4 | -64.9 | 259.9 | 23.0 | 22.9 | 5.3 | 382.0 | 331.8 | 0.2 | 91.9 | 8.1 | 15. |
| 99.3 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.3 | 99.9 | 99.9 | 75.0 | 94.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.3 | 99.9 | 99.9 | 50.0 | 90.9 | 94.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 90.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 12
JUNCTION, TEXAS

19 APRIL 1979
1415 GMT

125 100. 0

| TIME MIN | CNTCT | HEIGHT GPN | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | WX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 10.8 | 521.0 | 952.6 | 19.5 | 14.1 | 150.0 | 1.0 | -0.5 | 0.9 | 296.8 | 325.1 | 10.7 | 71.0 | 0.0 | 0. |
| 0.3 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.6 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.9 | 11.0 | 548.6 | 950.0 | 21.0 | 13.0 | 168.5 | 9.2 | -1.8 | 9.1 | 298.5 | 325.2 | 10.0 | 60.0 | 0.2 | 26. |
| 1.2 | 13.4 | 775.6 | 925.0 | 20.4 | 11.0 | 164.3 | 11.0 | -3.0 | 10.6 | 300.2 | 324.5 | 9.0 | 55.1 | 0.4 | 4. |
| 1.5 | 15.8 | 1012.2 | 900.0 | 20.0 | 9.4 | 163.1 | 14.3 | -4.1 | 13.7 | 302.2 | 324.9 | 8.3 | 50.5 | 1.1 | 349. |
| 1.8 | 18.2 | 1254.6 | 875.0 | 19.0 | 10.6 | 173.3 | 15.6 | -1.8 | 15.5 | 302.5 | 323.8 | 9.2 | 62.0 | 1.8 | 348. |
| 2.1 | 20.6 | 1503.1 | 850.0 | 18.0 | 9.6 | 182.2 | 15.1 | 0.6 | 15.0 | 305.0 | 329.6 | 8.9 | 57.8 | 2.5 | 351. |
| 2.4 | 23.1 | 1758.6 | 825.0 | 16.9 | 8.1 | 190.2 | 14.9 | 2.6 | 14.7 | 305.5 | 329.6 | 8.3 | 55.1 | 3.1 | 354. |
| 2.7 | 25.7 | 2020.5 | 800.0 | 15.0 | 7.6 | 198.9 | 14.4 | 4.7 | 13.6 | 307.2 | 330.3 | 8.3 | 61.3 | 3.8 | 358. |
| 3.0 | 28.2 | 2288.5 | 775.0 | 12.1 | 6.8 | 207.0 | 14.2 | 6.5 | 12.7 | 306.9 | 329.5 | 8.1 | 70.0 | 4.5 | 2. |
| 3.3 | 30.6 | 2552.8 | 750.0 | 10.0 | 6.4 | 211.9 | 14.1 | 7.5 | 12.0 | 307.4 | 330.2 | 8.1 | 78.5 | 5.2 | 6. |
| 3.6 | 33.4 | 2844.0 | 725.0 | 7.5 | 5.2 | 221.0 | 9.9 | 6.5 | 7.5 | 307.7 | 329.4 | 7.7 | 85.6 | 5.8 | 9. |
| 3.9 | 36.2 | 3132.6 | 700.0 | 5.7 | 2.7 | 214.2 | 9.1 | 5.1 | 7.5 | 308.8 | 327.9 | 6.7 | 81.3 | 6.2 | 12. |
| 4.2 | 38.9 | 3429.7 | 675.0 | 4.1 | 0.9 | 187.7 | 5.9 | 0.8 | 5.8 | 310.2 | 327.8 | 6.1 | 79.7 | 6.7 | 13. |
| 4.5 | 41.7 | 3736.3 | 650.0 | 2.0 | 0.7 | 140.5 | 5.7 | -3.7 | 4.4 | 311.3 | 329.3 | 6.2 | 90.7 | 7.0 | 12. |
| 4.8 | 44.6 | 4052.1 | 625.0 | -3.4 | -2.1 | 116.0 | 7.4 | -6.7 | 3.2 | 312.0 | 327.4 | 5.3 | 88.3 | 7.2 | 8. |
| 5.1 | 47.5 | 4377.9 | 600.0 | -2.5 | -6.6 | 99.1 | 7.4 | -7.3 | 1.2 | 313.2 | 324.9 | 3.9 | 73.7 | 7.3 | 4. |
| 5.4 | 50.5 | 4718.4 | 575.0 | -5.1 | -10.1 | 94.6 | 6.2 | -6.2 | 0.5 | 314.1 | 323.5 | 3.1 | 67.4 | 7.3 | 360. |
| 5.7 | 53.5 | 5062.2 | 550.0 | -8.0 | -12.5 | 112.7 | 5.6 | -5.1 | 2.1 | 316.6 | 322.7 | 2.7 | 69.9 | 7.4 | 357. |
| 6.0 | 56.6 | 5422.9 | 525.0 | -9.5 | -17.1 | 123.7 | 6.2 | -5.2 | 3.5 | 317.0 | 323.0 | 1.9 | 53.8 | 7.7 | 354. |
| 6.3 | 59.8 | 5797.8 | 500.0 | -12.6 | -18.8 | 131.5 | 6.5 | -4.9 | 4.3 | 317.7 | 323.2 | 1.7 | 59.6 | 8.0 | 351. |
| 6.6 | 63.0 | 6187.4 | 475.0 | -14.9 | -17.4 | 160.2 | 7.0 | -2.4 | 6.6 | 319.6 | 326.1 | 2.0 | 80.7 | 8.4 | 349. |
| 6.9 | 66.3 | 6598.1 | 450.0 | -16.6 | -18.3 | 195.0 | 9.1 | 2.4 | 8.8 | 325.3 | 328.9 | 2.0 | 87.0 | 9.0 | 350. |
| 7.2 | 69.7 | 7023.7 | 425.0 | -19.5 | -21.2 | 206.7 | 10.8 | 4.8 | 9.6 | 325.4 | 329.5 | 1.6 | 85.8 | 9.6 | 353. |
| 7.5 | 73.1 | 7471.7 | 400.0 | -22.7 | -25.2 | 212.9 | 11.0 | 6.4 | 9.9 | 325.4 | 329.6 | 1.2 | 80.0 | 10.4 | 356. |
| 7.8 | 76.9 | 7942.0 | 375.0 | -26.3 | -30.1 | 218.7 | 12.2 | 7.6 | 9.5 | 326.8 | 329.7 | 0.6 | 73.3 | 11.3 | 0. |
| 8.1 | 80.7 | 8437.2 | 350.0 | -30.2 | -35.0 | 221.1 | 15.4 | 10.1 | 11.6 | 328.0 | 330.0 | 0.6 | 63.1 | 12.4 | 4. |
| 8.4 | 84.7 | 8960.7 | 325.0 | -34.0 | -39.4 | 223.3 | 16.5 | 11.4 | 12.0 | 329.8 | 331.2 | 0.4 | 57.8 | 13.7 | 9. |
| 8.7 | 88.9 | 9516.5 | 300.0 | -38.6 | -44.3 | 223.3 | 18.0 | 12.3 | 13.1 | 330.9 | 331.8 | 0.2 | 54.6 | 15.2 | 12. |
| 9.0 | 93.2 | 10108.5 | 275.0 | -43.6 | -49.9 | 227.2 | 19.2 | 14.1 | 13.0 | 332.1 | 332.1 | 99.9 | 99.9 | 17.0 | 16. |
| 9.3 | 97.8 | 10741.9 | 250.0 | -48.9 | -54.9 | 229.4 | 19.9 | 15.1 | 13.0 | 333.4 | 333.4 | 99.9 | 99.9 | 19.3 | 20. |
| 9.6 | 102.8 | 11423.9 | 225.0 | -54.9 | -59.9 | 231.9 | 23.2 | 18.3 | 14.3 | 334.4 | 334.4 | 99.9 | 99.9 | 21.6 | 24. |
| 9.9 | 108.2 | 12168.5 | 200.0 | -59.8 | -64.9 | 238.1 | 24.2 | 20.5 | 12.8 | 338.0 | 338.0 | 99.9 | 99.9 | 24.8 | 28. |
| 10.2 | 114.0 | 13008.4 | 175.0 | -58.8 | -64.9 | 251.3 | 25.1 | 23.8 | 8.1 | 352.9 | 352.9 | 99.9 | 99.9 | 27.8 | 33. |
| 10.5 | 120.3 | 13973.9 | 150.0 | -64.4 | -69.9 | 249.4 | 22.1 | 20.7 | 7.8 | 368.6 | 368.6 | 99.9 | 99.9 | 31.7 | 38. |
| 10.8 | 127.1 | 15103.1 | 125.0 | -64.4 | -69.9 | 249.4 | 22.1 | 20.7 | 99.9 | 378.4 | 378.4 | 99.9 | 99.9 | 35.7 | 41. |
| 11.1 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 11.4 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 11.7 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 12.0 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 12.3 | 99.9 | 99.9 | 0.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 12
JUNCTION, TEXAS19 APRIL 1979
1711 GMT

116 101. 0

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX ATO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.3 | 10.9 | 521.0 | 954.1 | 21.5 | 17.9 | 99.9 | 0.5 | 99.9 | 99.9 | 298.6 | 334.8 | 13.7 | 80.0 | 0.0 | 0. |
| 99.7 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.7 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.2 | 11.3 | 558.3 | 950.0 | 19.4 | 17.4 | 99.9 | 99.9 | 99.9 | 99.9 | 296.9 | 331.8 | 13.3 | 88.2 | 99.9 | 99.9 |
| 0.3 | 13.5 | 748.1 | 925.0 | 19.0 | 16.9 | 99.9 | 99.9 | 99.9 | 99.9 | 297.7 | 332.7 | 13.3 | 93.7 | 0.4 | 32. |
| 1.3 | 15.7 | 1023.1 | 900.0 | 17.0 | 16.1 | 192.3 | 12.2 | 2.6 | 11.9 | 299.0 | 333.4 | 13.0 | 94.9 | 1.0 | 20. |
| 2.3 | 19.0 | 1264.1 | 875.0 | 19.1 | 11.7 | 200.7 | 13.9 | 4.9 | 13.0 | 302.6 | 329.8 | 9.9 | 66.0 | 1.7 | 17. |
| 3.7 | 20.4 | 1513.0 | 850.0 | 17.5 | 10.2 | 207.6 | 13.2 | 6.1 | 11.7 | 304.5 | 330.0 | 9.3 | 62.3 | 2.5 | 20. |
| 4.3 | 22.7 | 1767.6 | 825.0 | 15.3 | 8.7 | 211.3 | 12.3 | 6.4 | 10.5 | 304.8 | 328.7 | 8.6 | 64.7 | 3.3 | 23. |
| 6.3 | 25.1 | 2027.8 | 800.0 | 12.7 | 7.8 | 205.9 | 7.7 | 3.4 | 7.0 | 304.7 | 326.0 | 9.4 | 72.1 | 4.1 | 24. |
| 7.3 | 27.5 | 2294.5 | 775.0 | 11.6 | 6.1 | 203.9 | 8.0 | 3.2 | 7.3 | 306.3 | 327.8 | 7.7 | 69.1 | 4.4 | 24. |
| 8.3 | 29.9 | 2559.1 | 750.0 | 10.8 | 3.1 | 192.9 | 11.2 | 2.5 | 11.0 | 308.3 | 326.7 | 6.4 | 58.8 | 5.0 | 23. |
| 8.3 | 32.3 | 2850.9 | 725.0 | 8.5 | 1.9 | 187.9 | 13.4 | 1.8 | 13.3 | 308.7 | 326.1 | 6.1 | 63.2 | 5.6 | 22. |
| 9.3 | 34.9 | 3139.6 | 700.0 | 5.4 | 1.1 | 181.5 | 12.9 | 0.3 | 12.9 | 308.5 | 325.6 | 5.9 | 73.5 | 6.4 | 23. |
| 10.5 | 37.4 | 3436.1 | 675.0 | 2.5 | 0.7 | 178.0 | 11.4 | -0.4 | 11.4 | 308.4 | 325.6 | 6.0 | 87.9 | 7.1 | 18. |
| 11.3 | 40.0 | 3740.5 | 650.0 | 0.9 | 0.4 | 173.9 | 8.8 | -3.9 | 7.9 | 310.0 | 327.5 | 6.1 | 96.5 | 7.7 | 16. |
| 13.3 | 42.7 | 4055.4 | 625.0 | -1.2 | -3.4 | 126.2 | 9.7 | -7.8 | 5.7 | 311.0 | 325.1 | 4.8 | 85.4 | 8.0 | 12. |
| 14.1 | 45.3 | 4390.2 | 600.0 | -3.3 | -4.9 | 123.8 | 11.0 | -0.1 | 12.3 | 312.3 | 325.6 | 4.5 | 88.8 | 8.2 | 7. |
| 15.2 | 48.1 | 4716.1 | 575.0 | -5.1 | -6.0 | 137.4 | 9.7 | -6.6 | 7.1 | 314.0 | 326.8 | 4.3 | 94.0 | 8.6 | 3. |
| 16.3 | 51.0 | 5064.9 | 550.0 | -6.4 | -8.0 | 168.4 | 10.5 | -2.1 | 10.2 | 316.5 | 328.1 | 3.8 | 88.7 | 9.2 | 1. |
| 17.5 | 53.7 | 5428.2 | 525.0 | -9.5 | -10.2 | 185.4 | 11.8 | 1.1 | 11.8 | 318.3 | 329.6 | 3.3 | 86.9 | 10.0 | 1. |
| 19.3 | 56.9 | 5875.4 | 500.0 | -10.8 | -12.8 | 200.5 | 12.2 | 4.3 | 11.4 | 319.9 | 328.9 | 2.9 | 85.1 | 10.9 | 2. |
| 20.2 | 59.0 | 6198.9 | 475.0 | -13.0 | -15.9 | 207.6 | 11.8 | 5.5 | 10.5 | 321.9 | 329.4 | 2.3 | 78.5 | 11.8 | 4. |
| 21.5 | 62.9 | 6609.5 | 450.0 | -15.7 | -19.0 | 208.7 | 11.6 | 5.7 | 10.3 | 323.6 | 329.7 | 1.9 | 75.3 | 12.7 | 6. |
| 22.3 | 66.1 | 7039.3 | 425.0 | -19.5 | -23.4 | 220.2 | 12.7 | 8.2 | 9.7 | 325.2 | 329.8 | 1.4 | 65.6 | 13.6 | 8. |
| 24.3 | 69.4 | 7437.4 | 400.0 | -22.6 | -27.9 | 239.9 | 99.9 | 99.9 | 99.9 | 325.7 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 25.3 | 72.9 | 7957.8 | 375.0 | -26.3 | -31.4 | 259.9 | 99.9 | 99.9 | 99.9 | 326.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 27.5 | 76.3 | 8453.1 | 350.0 | -30.0 | -33.4 | 299.9 | 99.9 | 99.9 | 99.9 | 328.3 | 330.6 | 0.6 | 72.3 | 99.9 | 99.9 |
| 29.4 | 80.0 | 8976.3 | 325.0 | -33.7 | -37.5 | 223.6 | 13.7 | 9.5 | 9.9 | 330.2 | 331.9 | 0.5 | 65.9 | 16.9 | 16. |
| 31.1 | 83.4 | 9532.1 | 300.0 | -36.6 | -45.1 | 221.0 | 16.1 | 10.6 | 12.2 | 330.9 | 331.8 | 0.2 | 49.8 | 18.4 | 18. |
| 32.3 | 87.8 | 10122.7 | 275.0 | -44.2 | -51.9 | 227.1 | 14.4 | 10.5 | 9.8 | 331.2 | 999.9 | 99.9 | 99.9 | 19.9 | 20. |
| 35.2 | 92.7 | 10754.3 | 250.0 | -49.3 | -59.9 | 231.3 | 16.7 | 13.0 | 10.5 | 332.9 | 999.9 | 99.9 | 99.9 | 21.4 | 23. |
| 37.1 | 96.5 | 11438.6 | 225.0 | -54.4 | -64.4 | 239.4 | 22.2 | 19.1 | 11.3 | 335.1 | 999.9 | 99.9 | 99.9 | 23.7 | 26. |
| 39.7 | 101.3 | 12194.1 | 200.0 | -59.3 | -69.9 | 230.2 | 23.1 | 17.8 | 14.8 | 338.9 | 999.9 | 99.9 | 99.9 | 25.6 | 29. |
| 42.4 | 106.5 | 13020.5 | 175.0 | -54.4 | -69.9 | 245.7 | 25.6 | 23.3 | 10.5 | 353.6 | 999.9 | 99.9 | 99.9 | 30.4 | 33. |
| 45.5 | 112.0 | 13993.2 | 150.0 | -58.1 | -69.9 | 241.4 | 19.6 | 17.2 | 9.4 | 370.0 | 999.9 | 99.9 | 99.9 | 33.6 | 37. |
| 48.9 | 118.3 | 15125.6 | 125.0 | -63.6 | -69.9 | 99.9 | 99.9 | 99.9 | 99.9 | 379.9 | 999.9 | 99.9 | 99.9 | 37.9 | 39. |
| 99.9 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 12
JUNCTION, TEXAS19 APRIL 1979
2010 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POF T DG K | E POT T DG K | WX RTD CM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.3 | 11.4 | 521.0 | 951.6 | 26.0 | 16.5 | 180.0 | 6.7 | 0.0 | 6.7 | 303.4 | 337.4 | 12.6 | 56.0 | 0.0 | 0. |
| 09.3 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 09.3 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.1 | 11.5 | 515.9 | 950.0 | 23.8 | 16.7 | 171.1 | 6.5 | -1.0 | 6.4 | 303.4 | 337.8 | 12.7 | 57.3 | 0.0 | 360. |
| 0.5 | 13.7 | 770.3 | 925.0 | 23.3 | 16.9 | 140.6 | 5.4 | -3.5 | 4.2 | 303.1 | 338.8 | 13.2 | 67.3 | 0.2 | 352. |
| 1.3 | 15.9 | 1008.9 | 900.0 | 20.8 | 16.4 | 150.5 | 6.2 | -3.1 | 5.4 | 303.0 | 338.4 | 13.1 | 75.6 | 0.4 | 339. |
| 2.2 | 18.2 | 1252.4 | 875.0 | 19.4 | 11.4 | 158.5 | 9.8 | -3.4 | 8.8 | 304.0 | 338.8 | 9.8 | 59.9 | 0.8 | 337. |
| 3.1 | 20.5 | 1501.9 | 850.0 | 18.5 | 9.5 | 180.4 | 8.2 | 0.1 | 8.2 | 305.6 | 330.8 | 8.8 | 55.6 | 1.4 | 348. |
| 4.3 | 22.3 | 1757.5 | 825.0 | 16.6 | 8.9 | 212.5 | 3.5 | 3.5 | 5.6 | 306.1 | 330.5 | 8.8 | 60.7 | 1.7 | 348. |
| 5.1 | 25.2 | 2019.0 | 800.0 | 14.5 | 6.6 | 232.1 | 7.2 | 5.7 | 4.4 | 306.6 | 328.3 | 7.7 | 59.1 | 1.9 | 358. |
| 6.2 | 27.5 | 2247.2 | 775.0 | 12.9 | 4.8 | 231.8 | 13.8 | 10.9 | 8.4 | 307.7 | 327.5 | 7.0 | 57.7 | 2.3 | 10. |
| 7.4 | 29.9 | 2561.7 | 750.0 | 10.7 | 2.9 | 295.5 | 11.9 | 10.7 | -5.1 | 308.2 | 326.3 | 6.3 | 58.8 | 2.9 | 23. |
| 8.4 | 32.4 | 2843.4 | 725.0 | 8.2 | 1.4 | 269.8 | 8.3 | 8.3 | 0.0 | 308.5 | 325.4 | 5.9 | 62.1 | 3.0 | 32. |
| 9.5 | 34.9 | 3132.3 | 700.0 | 5.6 | 0.9 | 264.2 | 8.4 | 8.4 | 0.9 | 308.7 | 325.5 | 5.8 | 71.7 | 3.4 | 39. |
| 10.5 | 37.4 | 3429.0 | 675.0 | 3.3 | 0.6 | 264.7 | 9.2 | 9.2 | 0.9 | 309.3 | 326.5 | 6.0 | 82.9 | 3.8 | 85. |
| 11.5 | 39.9 | 3738.2 | 650.0 | 1.0 | 0.2 | 255.9 | 9.9 | 9.6 | 2.4 | 310.1 | 327.5 | 6.0 | 94.5 | 4.3 | 50. |
| 12.7 | 42.6 | 4049.6 | 625.0 | -0.6 | -1.3 | 245.7 | 11.2 | 10.2 | 4.6 | 311.8 | 328.1 | 5.6 | 96.8 | 4.9 | 52. |
| 13.9 | 45.1 | 4375.4 | 600.0 | -2.4 | -3.8 | 238.8 | 11.3 | 9.6 | 5.8 | 313.3 | 327.6 | 4.8 | 90.3 | 5.7 | 54. |
| 15.1 | 47.3 | 4712.9 | 575.0 | -3.8 | -6.9 | 228.2 | 11.0 | 8.2 | 7.3 | 315.5 | 327.5 | 4.0 | 79.2 | 6.6 | 54. |
| 16.5 | 50.6 | 5063.4 | 550.0 | -5.3 | -9.4 | 228.2 | 11.9 | 8.2 | 7.9 | 317.9 | 328.3 | 3.4 | 72.3 | 7.5 | 53. |
| 17.7 | 53.4 | 5427.4 | 525.0 | -7.7 | -12.5 | 225.2 | 12.0 | 8.5 | 8.5 | 319.1 | 327.9 | 2.8 | 68.8 | 8.3 | 52. |
| 19.3 | 56.3 | 5925.8 | 500.0 | -9.9 | -15.2 | 224.0 | 11.2 | 7.8 | 8.1 | 321.0 | 328.5 | 2.3 | 64.9 | 9.2 | 52. |
| 20.3 | 59.4 | 6200.0 | 475.0 | -12.5 | -17.6 | 221.7 | 12.0 | 8.0 | 9.0 | 322.5 | 329.1 | 2.0 | 63.5 | 10.1 | 51. |
| 21.7 | 62.4 | 6510.6 | 450.0 | -16.0 | -19.4 | 218.0 | 12.0 | 7.4 | 9.4 | 323.2 | 329.1 | 1.8 | 75.0 | 11.1 | 50. |
| 23.3 | 65.6 | 7038.8 | 425.0 | -19.2 | -22.4 | 211.1 | 11.9 | 6.1 | 10.2 | 324.4 | 329.3 | 1.5 | 75.5 | 12.2 | 48. |
| 24.9 | 68.9 | 7488.7 | 400.0 | -20.9 | -24.2 | 231.7 | 12.0 | 9.4 | 7.5 | 327.8 | 331.0 | 0.9 | 51.5 | 13.3 | 47. |
| 26.5 | 72.3 | 7962.6 | 375.0 | -24.2 | -28.1 | 235.3 | 13.1 | 10.8 | 7.5 | 329.6 | 330.7 | 0.3 | 19.3 | 14.5 | 48. |
| 28.1 | 75.7 | 8461.4 | 350.0 | -28.7 | -49.6 | 234.1 | 13.2 | 10.7 | 7.7 | 330.0 | 330.5 | 0.1 | 11.2 | 15.6 | 49. |
| 29.5 | 79.3 | 8946.4 | 325.0 | -33.7 | -50.0 | 233.0 | 16.3 | 13.1 | 9.8 | 330.2 | 330.7 | 0.1 | 17.5 | 17.1 | 49. |
| 31.5 | 83.7 | 9411.6 | 300.0 | -38.8 | 99.9 | 236.1 | 16.8 | 13.9 | 9.4 | 330.6 | 999.9 | 99.9 | 999.9 | 19.0 | 50. |
| 33.5 | 87.2 | 10134.7 | 275.0 | -42.4 | 99.9 | 233.3 | 18.2 | 14.6 | 10.9 | 333.8 | 999.9 | 99.9 | 999.9 | 21.0 | 50. |
| 35.7 | 91.3 | 10772.4 | 250.0 | -47.3 | 99.9 | 233.1 | 17.7 | 14.2 | 10.7 | 335.8 | 999.9 | 99.9 | 999.9 | 23.4 | 51. |
| 38.3 | 95.8 | 11460.2 | 225.0 | -53.1 | 99.9 | 231.6 | 17.4 | 13.6 | 10.8 | 337.2 | 999.9 | 99.9 | 999.9 | 25.9 | 51. |
| 40.4 | 100.6 | 12209.6 | 200.0 | -57.8 | 99.9 | 233.3 | 19.9 | 15.9 | 11.9 | 341.3 | 999.9 | 99.9 | 999.9 | 28.3 | 51. |
| 43.2 | 105.8 | 13050.4 | 175.0 | -59.3 | 99.9 | 240.3 | 21.4 | 18.6 | 10.6 | 353.7 | 999.9 | 99.9 | 999.9 | 31.9 | 51. |
| 46.1 | 111.4 | 14025.5 | 150.0 | -58.1 | 99.9 | 242.0 | 19.2 | 16.9 | 9.0 | 370.0 | 999.9 | 99.9 | 999.9 | 35.5 | 53. |
| 49.6 | 117.7 | 15158.1 | 125.0 | -61.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 382.9 | 999.9 | 99.9 | 999.9 | 39.9 | 54. |
| 52.9 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 58.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 59.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 59.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 12
JUNCTION, TEXAS

19 APRIL 1979
2316 GMT

123 110. 0

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | J COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | WX RTO GM/KG | RM PCT | RAYGE K4 | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0-3 | 12-0 | 521-0 | 949-5 | 20-0 | 13-9 | 180-0 | 1-0 | 0-0 | 1-0 | 305-7 | 334-8 | 10-6 | 42-0 | 8-0 | 0-0 |
| 0-9 | 09-9 | 99-9 | 1000-0 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 |
| 0-9 | 09-9 | 99-9 | 975-0 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 |
| 0-9 | 09-9 | 99-9 | 950-0 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 |
| 0-6 | 14-4 | 752-1 | 925-0 | 25-3 | 14-5 | 195-8 | 4-5 | 1-2 | 4-4 | 305-1 | 336-2 | 11-3 | 51-4 | 0-3 | 9-0 |
| 1-2 | 16-8 | 992-4 | 900-0 | 23-1 | 13-5 | 191-7 | 5-2 | 1-0 | 5-1 | 305-3 | 335-9 | 11-1 | 56-0 | 0-5 | 10-0 |
| 2-0 | 19-3 | 1237-4 | 875-0 | 20-6 | 13-0 | 188-6 | 5-2 | 0-8 | 5-2 | 305-2 | 335-1 | 10-9 | 61-7 | 0-7 | 11-0 |
| 2-7 | 21-7 | 1497-6 | 850-0 | 18-5 | 12-6 | 187-0 | 5-1 | 0-6 | 5-1 | 305-6 | 335-5 | 10-9 | 68-4 | 0-9 | 10-0 |
| 3-6 | 24-3 | 1713-2 | 825-0 | 16-1 | 11-3 | 185-6 | 4-3 | 0-4 | 4-2 | 305-6 | 334-1 | 10-3 | 73-6 | 1-2 | 9-0 |
| 4-6 | 26-8 | 2004-5 | 800-0 | 15-0 | 9-9 | 203-3 | 5-0 | 2-0 | 4-6 | 307-2 | 326-5 | 8-6 | 50-8 | 1-5 | 9-0 |
| 5-5 | 29-6 | 2273-8 | 775-0 | 13-6 | 3-7 | 216-4 | 5-6 | 3-3 | 4-5 | 308-5 | 327-0 | 8-5 | 51-0 | 1-7 | 13-0 |
| 6-5 | 32-1 | 2548-1 | 750-0 | 10-9 | 1-9 | 227-5 | 6-4 | 4-7 | 4-3 | 308-4 | 325-3 | 5-9 | 53-9 | 2-0 | 17-0 |
| 7-4 | 34-8 | 2930-5 | 725-0 | 9-3 | 0-1 | 241-0 | 9-4 | 8-2 | 4-5 | 309-7 | 325-2 | 5-3 | 52-5 | 2-4 | 24-0 |
| 8-5 | 37-4 | 3121-1 | 700-0 | 7-6 | -1-4 | 255-6 | 10-4 | 10-0 | 2-6 | 311-0 | 325-5 | 5-0 | 52-7 | 2-9 | 33-0 |
| 9-6 | 40-2 | 3419-6 | 675-0 | 5-0 | -3-4 | 271-0 | 10-4 | 10-4 | -0-2 | 311-3 | 324-4 | 4-4 | 54-5 | 3-4 | 42-0 |
| 10-7 | 43-1 | 3726-6 | 650-0 | 2-9 | -5-5 | 281-8 | 11-1 | 10-9 | -2-3 | 312-3 | 324-0 | 3-9 | 54-0 | 3-8 | 51-0 |
| 11-9 | 45-9 | 4063-0 | 625-0 | 0-5 | -8-6 | 280-3 | 12-5 | 12-3 | -2-2 | 313-0 | 322-7 | 3-2 | 53-3 | 4-4 | 54-0 |
| 13-7 | 48-9 | 4369-7 | 600-0 | -1-5 | -9-5 | 273-4 | 12-6 | 12-6 | -0-7 | 314-4 | 323-9 | 3-1 | 54-2 | 5-1 | 66-0 |
| 14-1 | 51-9 | 4707-3 | 575-0 | -3-6 | -10-2 | 263-3 | 11-8 | 11-7 | 1-4 | 315-8 | 325-2 | 3-1 | 60-1 | 5-8 | 68-0 |
| 15-2 | 54-9 | 5057-6 | 550-0 | -5-9 | -10-7 | 259-7 | 11-7 | 11-5 | 2-1 | 317-1 | 326-6 | 3-1 | 68-4 | 6-6 | 70-0 |
| 16-4 | 58-0 | 5420-4 | 525-0 | -8-6 | -12-3 | 258-3 | 11-7 | 11-4 | 2-4 | 318-1 | 326-9 | 2-8 | 74-8 | 7-4 | 71-0 |
| 17-7 | 61-7 | 5797-1 | 500-0 | -11-4 | -14-1 | 250-8 | 11-4 | 10-8 | 3-8 | 319-2 | 327-3 | 2-6 | 79-9 | 8-3 | 71-0 |
| 18-4 | 64-5 | 6190-0 | 475-0 | -12-6 | -16-4 | 243-5 | 9-0 | 8-0 | 4-0 | 322-4 | 328-6 | 1-9 | 81-8 | 9-0 | 71-0 |
| 20-1 | 67-9 | 6600-9 | 450-0 | -15-4 | -20-9 | 244-9 | 8-7 | 7-9 | 3-7 | 323-8 | 329-1 | 1-6 | 82-9 | 9-7 | 70-0 |
| 21-5 | 71-4 | 7031-6 | 425-0 | -17-4 | -25-8 | 245-4 | 10-0 | 9-1 | 4-2 | 326-7 | 330-4 | 1-1 | 87-6 | 10-5 | 70-0 |
| 23-2 | 75-0 | 7482-6 | 400-0 | -21-1 | -30-3 | 232-3 | 9-0 | 7-1 | 5-5 | 327-5 | 330-2 | 0-8 | 93-2 | 11-4 | 69-0 |
| 24-3 | 78-7 | 7955-6 | 375-0 | -25-1 | -33-7 | 220-9 | 9-7 | 6-3 | 7-3 | 328-4 | 330-5 | 0-6 | 94-1 | 12-2 | 68-0 |
| 28-4 | 82-5 | 8452-7 | 350-0 | -29-9 | -39-9 | 219-6 | 8-6 | 5-5 | 6-6 | 328-5 | 329-7 | 0-3 | 95-7 | 13-1 | 66-0 |
| 29-1 | 86-5 | 9075-9 | 325-0 | -34-4 | -44-2 | 230-0 | 10-3 | 7-9 | 6-6 | 329-3 | 330-1 | 0-2 | 95-8 | 13-7 | 64-0 |
| 29-3 | 90-8 | 9530-9 | 300-0 | -38-0 | -52-4 | 240-6 | 16-2 | 14-1 | 7-9 | 331-8 | 332-1 | 0-1 | 20-4 | 15-3 | 64-0 |
| 31-5 | 95-2 | 10124-9 | 275-0 | -42-3 | -59-9 | 238-2 | 17-8 | 15-1 | 9-4 | 333-9 | 99-9 | 99-9 | 99-9 | 17-0 | 64-0 |
| 33-4 | 99-8 | 10762-4 | 250-0 | -47-2 | -69-9 | 237-2 | 17-5 | 14-7 | 9-5 | 335-9 | 99-9 | 99-9 | 99-9 | 19-1 | 63-0 |
| 35-6 | 104-3 | 11450-7 | 225-0 | -52-7 | -79-9 | 233-3 | 15-6 | 12-5 | 9-3 | 337-7 | 99-9 | 99-9 | 99-9 | 21-0 | 62-0 |
| 37-3 | 110-0 | 12290-6 | 200-0 | -59-8 | -94-9 | 235-9 | 17-4 | 14-4 | 9-8 | 339-7 | 99-9 | 99-9 | 99-9 | 23-2 | 61-0 |
| 40-4 | 116-0 | 13737-8 | 175-0 | -62-4 | -99-9 | 237-2 | 20-8 | 17-5 | 11-3 | 350-3 | 99-9 | 99-9 | 99-9 | 26-3 | 61-0 |
| 43-5 | 122-5 | 14004-8 | 150-0 | -59-8 | -99-9 | 239-0 | 21-5 | 18-4 | 11-1 | 367-0 | 99-9 | 99-9 | 99-9 | 30-1 | 60-0 |
| 47-1 | 129-4 | 15136-8 | 125-0 | -63-7 | -99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 379-7 | 99-9 | 99-9 | 99-9 | 35-5 | 61-0 |
| 49-3 | 99-9 | 99-9 | 100-0 | -99-9 | -99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 |
| 50-3 | 99-9 | 99-9 | 75-0 | -99-9 | -99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 |
| 50-3 | 99-9 | 99-9 | 50-0 | -99-9 | -99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 |
| 50-3 | 99-9 | 99-9 | 25-0 | -99-9 | -99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 12
JUNCTION, TEXAS
20 APRIL 1979
205 GMT

| TIME MIN | CNTCT | WEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT Y DEG K | E POT Y DEG K | WZ RTO GATK6 | RM PCT | RANGE K4 | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|-----------------|-----------|-------------|-----------|
| 0.3 | 10.8 | 521.0 | 950.6 | 23.5 | 18.4 | 135.0 | 0.5 | -0.4 | 0.4 | 301.0 | 338.7 | 14.2 | 73.0 | 0.0 | 0. |
| 09.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 09.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.1 | 10.9 | 526.5 | 950.3 | 23.3 | 18.4 | 167.8 | 2.9 | -1.6 | 2.5 | 300.9 | 338.6 | 14.2 | 73.7 | 0.1 | 0. |
| 0.7 | 13.1 | 759.7 | 925.0 | 22.3 | 17.6 | 169.6 | 7.3 | -1.3 | 7.2 | 302.1 | 339.2 | 13.9 | 74.6 | 0.4 | 355. |
| 1.7 | 15.3 | 998.2 | 900.0 | 20.5 | 16.6 | 170.0 | 7.6 | -1.3 | 7.5 | 302.6 | 338.5 | 13.4 | 78.5 | 0.7 | 352. |
| 2.5 | 17.5 | 1241.6 | 875.0 | 18.4 | 15.8 | 173.3 | 6.3 | -0.7 | 6.2 | 302.9 | 338.1 | 13.1 | 84.9 | 1.1 | 352. |
| 3.5 | 19.4 | 1490.1 | 850.0 | 16.3 | 14.0 | 167.0 | 4.7 | -1.1 | 4.6 | 303.3 | 335.6 | 12.0 | 86.1 | 1.4 | 352. |
| 4.4 | 22.1 | 1744.6 | 825.0 | 15.8 | 9.5 | 167.2 | 4.2 | -0.9 | 4.1 | 305.3 | 330.5 | 9.1 | 66.5 | 1.6 | 351. |
| 5.1 | 24.4 | 2004.0 | 800.0 | 14.8 | 6.7 | 175.8 | 3.5 | -0.3 | 3.5 | 306.9 | 328.7 | 7.8 | 58.5 | 1.9 | 350. |
| 6.3 | 26.7 | 2274.4 | 775.0 | 13.9 | 4.8 | 209.7 | 4.4 | 2.2 | 3.8 | 308.8 | 328.7 | 7.0 | 54.1 | 2.0 | 352. |
| 7.3 | 29.2 | 2550.1 | 750.0 | 11.7 | 3.0 | 241.6 | 6.8 | 6.9 | 3.2 | 309.3 | 327.6 | 6.4 | 55.1 | 2.2 | 359. |
| 8.2 | 31.6 | 2432.9 | 725.0 | 9.3 | 1.1 | 241.6 | 9.6 | 8.4 | 4.5 | 309.6 | 326.2 | 5.7 | 56.4 | 2.5 | 9. |
| 9.2 | 34.0 | 3122.9 | 700.0 | 7.1 | -0.6 | 246.7 | 10.5 | 9.6 | 4.2 | 310.4 | 325.6 | 5.2 | 57.4 | 2.9 | 19. |
| 10.2 | 36.5 | 3421.3 | 675.0 | 5.0 | -2.3 | 258.1 | 10.9 | 10.7 | 2.3 | 311.2 | 325.3 | 4.8 | 59.2 | 3.3 | 28. |
| 11.2 | 39.1 | 3727.9 | 650.0 | 2.0 | -5.5 | 269.6 | 10.3 | 10.3 | 0.1 | 311.5 | 322.8 | 3.9 | 57.4 | 3.7 | 37. |
| 12.1 | 41.7 | 4243.4 | 625.0 | -0.8 | -6.9 | 273.3 | 9.4 | 9.4 | -0.5 | 311.5 | 322.4 | 3.6 | 63.2 | 4.1 | 44. |
| 13.5 | 44.3 | 4368.4 | 600.0 | -2.9 | -7.1 | 268.9 | 9.6 | 9.6 | 0.4 | 312.8 | 324.0 | 3.7 | 72.7 | 4.6 | 50. |
| 14.7 | 47.1 | 4795.1 | 575.0 | -4.2 | -10.1 | 268.9 | 10.3 | 10.3 | 0.2 | 315.1 | 324.6 | 3.1 | 63.0 | 5.2 | 55. |
| 16.0 | 49.9 | 5053.9 | 550.0 | -7.1 | -12.7 | 271.5 | 11.4 | 11.3 | -0.3 | 315.7 | 323.9 | 2.6 | 64.1 | 5.9 | 60. |
| 17.3 | 52.7 | 5417.9 | 525.0 | -8.8 | -16.1 | 279.8 | 9.8 | 9.7 | -1.7 | 317.9 | 324.5 | 2.1 | 55.3 | 6.6 | 64. |
| 18.7 | 55.6 | 5792.1 | 500.0 | -11.5 | -16.2 | 269.2 | 8.5 | 8.5 | 0.1 | 319.0 | 325.8 | 2.1 | 67.9 | 7.2 | 67. |
| 20.3 | 58.6 | 6143.5 | 475.0 | -14.4 | -16.7 | 256.8 | 10.2 | 9.9 | 2.3 | 320.2 | 327.2 | 2.2 | 82.5 | 8.0 | 68. |
| 21.5 | 61.6 | 6591.6 | 450.0 | -16.8 | -21.4 | 259.3 | 12.9 | 12.7 | 2.4 | 322.1 | 327.2 | 1.5 | 67.2 | 9.0 | 70. |
| 22.7 | 64.9 | 7019.6 | 425.0 | -19.2 | -24.4 | 232.6 | 12.9 | 12.3 | 3.9 | 324.3 | 329.5 | 1.2 | 63.3 | 9.9 | 70. |
| 24.2 | 68.0 | 7467.5 | 400.0 | -22.7 | -26.4 | 244.9 | 13.0 | 11.7 | 5.5 | 325.4 | 329.2 | 1.1 | 71.9 | 11.0 | 70. |
| 25.3 | 71.6 | 7937.6 | 375.0 | -26.4 | -30.9 | 229.9 | 10.1 | 7.7 | 6.5 | 326.6 | 329.3 | 0.8 | 65.9 | 12.0 | 69. |
| 27.9 | 74.9 | 8412.3 | 350.0 | -30.5 | -36.4 | 229.3 | 10.5 | 7.5 | 7.4 | 327.6 | 329.0 | 0.4 | 45.8 | 13.1 | 67. |
| 29.6 | 78.5 | 8954.1 | 325.0 | -35.2 | -41.7 | 224.8 | 12.4 | 6.7 | 8.8 | 328.2 | 329.3 | 0.3 | 51.3 | 14.2 | 65. |
| 31.5 | 82.3 | 9506.9 | 300.0 | -39.6 | -49.9 | 228.2 | 16.7 | 12.4 | 11.1 | 329.6 | 999.9 | 99.9 | 999.9 | 15.7 | 63. |
| 33.5 | 86.3 | 10097.4 | 275.0 | -43.6 | -49.9 | 225.6 | 18.2 | 13.0 | 12.8 | 332.1 | 999.9 | 99.9 | 999.9 | 17.9 | 61. |
| 35.5 | 90.4 | 11710.4 | 250.0 | -49.2 | -49.9 | 224.1 | 16.3 | 12.7 | 13.1 | 332.9 | 999.9 | 99.9 | 999.9 | 20.1 | 59. |
| 37.9 | 94.8 | 11413.4 | 225.0 | -54.1 | -49.9 | 222.0 | 19.2 | 12.9 | 14.3 | 335.5 | 999.9 | 99.9 | 999.9 | 22.6 | 58. |
| 40.4 | 99.6 | 12159.5 | 200.0 | -58.8 | -49.9 | 221.0 | 18.6 | 14.5 | 11.5 | 339.7 | 999.9 | 99.9 | 999.9 | 25.2 | 56. |
| 42.9 | 104.9 | 12999.1 | 175.0 | -59.0 | -49.9 | 228.4 | 18.7 | 14.0 | 12.4 | 352.6 | 999.9 | 99.9 | 999.9 | 28.0 | 56. |
| 45.5 | 110.3 | 13958.9 | 150.0 | -61.6 | -49.9 | 229.2 | 17.8 | 16.6 | 8.3 | 364.1 | 999.9 | 99.9 | 999.9 | 30.8 | 55. |
| 48.3 | 116.5 | 15042.7 | 125.0 | -64.8 | -49.9 | 237.3 | 24.5 | 23.9 | 5.4 | 377.7 | 999.9 | 99.9 | 999.9 | 34.6 | 58. |
| 49.3 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 49.3 | 99.9 | 99.9 | 75.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 49.3 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 49.3 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 12
JUNCTION, TEXAS20 APRIL 1979
508 GM1

113 103. 0

| TIME MIN | CNTCT | HEIGHT GPM | PRES MM | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | WX RTO GM/KG | 2M PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.2 | 10.4 | 521.0 | 952.1 | 22.0 | 18.6 | 135.0 | 5.1 | -3.6 | 3.6 | 299.3 | 337.2 | 14.3 | 81.0 | 0.0 | 0. |
| 00.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.1 | 10.6 | 540.3 | 950.0 | 22.1 | 19.0 | 136.3 | 6.2 | -4.3 | 4.5 | 299.6 | 338.5 | 14.7 | 82.6 | 0.1 | 346. |
| 1.2 | 12.8 | 772.5 | 925.0 | 20.4 | 18.9 | 139.5 | 10.9 | -7.1 | 8.3 | 300.1 | 340.1 | 15.1 | 91.6 | 0.5 | 319. |
| 1.7 | 15.0 | 1009.8 | 900.0 | 19.8 | 18.3 | 144.7 | 12.7 | -7.4 | 10.4 | 301.9 | 341.7 | 14.9 | 91.3 | 1.0 | 320. |
| 2.5 | 17.2 | 1253.4 | 875.0 | 19.1 | 15.7 | 151.5 | 11.7 | -5.6 | 10.3 | 303.6 | 338.6 | 12.9 | 80.5 | 1.6 | 324. |
| 3.5 | 19.5 | 1503.0 | 850.0 | 18.5 | 11.7 | 154.5 | 11.8 | -4.7 | 9.9 | 305.6 | 333.7 | 10.2 | 64.3 | 2.2 | 326. |
| 4.5 | 21.7 | 1759.2 | 825.0 | 17.9 | 9.0 | 160.5 | 9.1 | -3.0 | 8.6 | 307.6 | 332.2 | 8.6 | 56.0 | 2.8 | 328. |
| 5.5 | 24.0 | 2022.2 | 800.0 | 17.1 | 4.3 | 181.3 | 6.2 | 0.1 | 6.2 | 304.3 | 328.1 | 6.5 | 42.7 | 3.3 | 331. |
| 6.4 | 26.4 | 2292.5 | 775.0 | 15.6 | 2.4 | 224.5 | 5.5 | 3.9 | 3.9 | 310.6 | 327.7 | 5.9 | 41.2 | 3.5 | 335. |
| 7.5 | 28.7 | 2570.0 | 750.0 | 13.9 | 0.4 | 273.0 | 5.8 | 5.8 | -0.3 | 311.7 | 327.2 | 5.3 | 39.6 | 3.5 | 340. |
| 8.5 | 31.2 | 2954.5 | 725.0 | 10.9 | -0.9 | 291.7 | 6.4 | 6.0 | -2.4 | 311.4 | 326.0 | 5.0 | 46.1 | 3.3 | 345. |
| 9.5 | 33.6 | 3148.4 | 700.0 | 8.6 | -2.0 | 293.4 | 7.3 | 6.7 | -2.9 | 312.3 | 326.2 | 4.7 | 45.4 | 3.0 | 352. |
| 10.5 | 36.1 | 3448.2 | 675.0 | 6.6 | -3.5 | 296.9 | 10.3 | 9.2 | -4.6 | 313.1 | 326.1 | 4.4 | 48.5 | 2.8 | 1. |
| 11.3 | 38.6 | 3755.1 | 650.0 | 4.0 | -4.4 | 300.7 | 12.7 | 10.9 | -6.5 | 313.5 | 326.3 | 4.3 | 56.1 | 2.5 | 18. |
| 12.7 | 41.1 | 4072.6 | 625.0 | 1.1 | -5.2 | 304.7 | 12.9 | 10.6 | -7.6 | 313.7 | 326.2 | 4.2 | 62.4 | 2.4 | 35. |
| 14.3 | 43.8 | 4398.9 | 600.0 | -3.0 | -6.4 | 323.9 | 11.4 | 6.7 | -9.2 | 312.7 | 324.5 | 4.0 | 77.1 | 2.5 | 62. |
| 16.7 | 46.4 | 4738.7 | 575.0 | -5.7 | -9.7 | 328.2 | 10.6 | 5.6 | -9.0 | 313.4 | 323.0 | 3.2 | 73.0 | 3.0 | 93. |
| 18.6 | 49.2 | 5081.8 | 550.0 | -8.3 | -11.0 | 323.2 | 10.1 | 6.1 | -8.1 | 314.2 | 323.5 | 3.0 | 81.1 | 3.7 | 107. |
| 19.7 | 52.0 | 5442.2 | 525.0 | -9.4 | -10.9 | 289.7 | 9.8 | 9.2 | -3.2 | 317.1 | 326.9 | 3.2 | 89.9 | 4.5 | 112. |
| 21.4 | 54.9 | 5818.4 | 500.0 | -11.4 | -12.4 | 257.3 | 12.3 | 12.0 | 2.7 | 319.2 | 328.4 | 2.9 | 91.8 | 5.4 | 108. |
| 23.5 | 57.9 | 6210.9 | 475.0 | -13.7 | -14.9 | 246.2 | 10.9 | 9.9 | 4.4 | 321.0 | 329.0 | 2.5 | 93.4 | 6.1 | 102. |
| 25.2 | 61.7 | 6619.6 | 450.0 | -16.7 | -18.0 | 250.1 | 11.0 | 10.3 | 3.7 | 322.2 | 328.9 | 2.1 | 89.9 | 6.8 | 98. |
| 26.5 | 64.0 | 7047.1 | 425.0 | -19.3 | -20.9 | 252.5 | 11.2 | 10.7 | 3.4 | 324.2 | 329.8 | 1.7 | 87.0 | 7.6 | 95. |
| 28.5 | 67.3 | 7494.9 | 400.0 | -23.1 | -24.9 | 250.1 | 12.3 | 11.6 | 4.2 | 325.0 | 329.2 | 1.3 | 84.7 | 8.5 | 93. |
| 29.3 | 70.4 | 7968.9 | 375.0 | -26.6 | -28.8 | 252.6 | 15.3 | 14.6 | 4.6 | 326.5 | 329.7 | 0.9 | 80.8 | 9.8 | 90. |
| 29.3 | 74.1 | 8459.4 | 350.0 | -30.4 | -32.7 | 245.1 | 16.6 | 15.1 | 7.0 | 327.8 | 330.2 | 0.7 | 75.0 | 11.2 | 87. |
| 31.3 | 77.7 | 8992.3 | 325.0 | -34.5 | -37.4 | 237.4 | 18.1 | 15.3 | 9.7 | 329.1 | 330.8 | 0.5 | 75.0 | 12.6 | 84. |
| 33.3 | 81.5 | 9536.6 | 300.0 | -39.0 | -42.9 | 234.4 | 19.7 | 16.0 | 11.5 | 330.4 | 330.9 | 0.9 | 99.9 | 14.3 | 80. |
| 34.5 | 85.5 | 10127.3 | 275.0 | -43.9 | -47.9 | 233.5 | 20.0 | 16.1 | 11.9 | 331.6 | 331.6 | 0.9 | 99.9 | 16.1 | 77. |
| 36.7 | 89.7 | 10759.9 | 250.0 | -48.9 | -52.9 | 227.0 | 21.0 | 15.4 | 14.3 | 333.4 | 333.4 | 0.9 | 99.9 | 18.3 | 74. |
| 38.5 | 94.2 | 11442.2 | 225.0 | -55.3 | -59.9 | 217.5 | 19.8 | 12.0 | 15.7 | 333.8 | 333.8 | 0.9 | 99.9 | 20.5 | 70. |
| 40.3 | 98.4 | 12185.5 | 200.0 | -60.4 | -64.9 | 202.0 | 27.3 | 10.2 | 25.3 | 337.1 | 337.1 | 0.9 | 99.9 | 22.7 | 66. |
| 43.5 | 104.0 | 13018.8 | 175.0 | -58.8 | -63.2 | 222.5 | 30.5 | 28.6 | 22.5 | 352.9 | 352.9 | 0.9 | 99.9 | 26.6 | 59. |
| 46.7 | 109.8 | 13994.8 | 150.0 | -57.2 | -61.9 | 231.7 | 20.8 | 19.7 | 6.5 | 371.6 | 371.6 | 0.9 | 99.9 | 31.4 | 59. |
| 50.7 | 116.0 | 15129.5 | 125.0 | -63.4 | -67.9 | 99.9 | 99.9 | 99.9 | 99.9 | 380.3 | 380.3 | 0.9 | 99.9 | 35.7 | 61. |
| 99.3 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.3 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.3 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.3 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 18 DEG
 0 BY TEMP MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 12
JUNCTION, TEXAS
20 APRIL 1979
031 GMT

| TIME MIN | CNCT | WEIGHT GMS | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DEG K | E POT T DEG K | MX RTD CM/XG | RM PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|-----------------|-----------|-------------|-----------|
| 0.0 | 10.0 | 521.0 | 950.3 | 19.0 | 17.3 | 150.0 | 1.0 | -0.5 | 0.9 | 296.5 | 331.1 | 13.2 | 90.0 | 0.0 | 0. |
| 00.0 | 00.0 | 99.9 | 1000.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.0 | 00.0 | 99.9 | 975.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.7 | 10.0 | 523.7 | 950.0 | 18.9 | 17.4 | 000.0 | 00.0 | 00.0 | 00.0 | 296.4 | 331.3 | 13.3 | 91.0 | 00.0 | 00.0 |
| 0.8 | 13.2 | 750.2 | 925.0 | 19.4 | 15.9 | 000.0 | 00.0 | 00.0 | 00.0 | 299.1 | 336.4 | 14.1 | 91.1 | 00.0 | 00.0 |
| 0.8 | 15.4 | 900.2 | 900.0 | 17.9 | 15.4 | 000.0 | 00.0 | 00.0 | 00.0 | 299.9 | 332.9 | 12.4 | 85.5 | 00.0 | 00.0 |
| 1.6 | 17.4 | 1232.3 | 875.0 | 19.4 | 9.7 | 000.0 | 00.0 | 00.0 | 00.0 | 304.0 | 328.0 | 8.7 | 53.7 | 00.0 | 00.0 |
| 3.5 | 19.9 | 1481.8 | 850.0 | 18.5 | 7.6 | 000.0 | 00.0 | 00.0 | 00.0 | 305.6 | 327.3 | 7.8 | 49.0 | 00.0 | 00.0 |
| 4.4 | 22.3 | 1737.1 | 825.0 | 16.3 | 5.9 | 219.5 | 9.2 | 5.9 | 7.1 | 305.0 | 325.0 | 7.1 | 50.0 | 1.4 | 25. |
| 5.3 | 24.6 | 1998.3 | 800.0 | 14.7 | 5.7 | 224.5 | 9.9 | 6.9 | 7.0 | 306.8 | 327.1 | 7.2 | 50.6 | 1.9 | 29. |
| 6.1 | 27.0 | 2268.5 | 775.0 | 13.4 | 3.6 | 245.2 | 9.0 | 8.1 | 3.0 | 308.2 | 326.5 | 6.4 | 51.3 | 2.4 | 34. |
| 7.3 | 29.4 | 2542.2 | 750.0 | 11.6 | 2.0 | 263.0 | 7.4 | 7.3 | 0.9 | 309.2 | 326.2 | 5.9 | 51.6 | 2.8 | 41. |
| 8.3 | 31.9 | 2820.8 | 725.0 | 9.9 | 0.6 | 280.9 | 5.0 | 4.8 | -1.6 | 310.3 | 326.4 | 5.5 | 52.5 | 3.0 | 46. |
| 9.4 | 34.4 | 3115.7 | 700.0 | 8.2 | -1.7 | 300.6 | 6.0 | 5.2 | -3.1 | 311.5 | 325.0 | 4.3 | 49.7 | 3.1 | 52. |
| 10.5 | 36.9 | 3410.8 | 675.0 | 5.4 | -3.0 | 308.3 | 6.8 | 5.3 | -4.2 | 311.6 | 325.1 | 4.6 | 50.9 | 3.3 | 60. |
| 11.9 | 39.5 | 3725.2 | 650.0 | 2.5 | -3.9 | 312.3 | 7.7 | 5.7 | -5.2 | 311.8 | 324.9 | 4.4 | 42.6 | 3.5 | 67. |
| 13.2 | 42.1 | 4034.0 | 625.0 | -0.4 | -4.8 | 308.0 | 9.1 | 7.1 | -6.7 | 312.0 | 324.8 | 4.3 | 72.3 | 3.8 | 77. |
| 14.4 | 44.8 | 4362.9 | 600.0 | -3.2 | -7.0 | 290.7 | 12.1 | 11.3 | -4.3 | 312.5 | 323.8 | 3.8 | 74.8 | 4.4 | 84. |
| 15.7 | 47.6 | 4698.4 | 575.0 | -6.1 | -10.3 | 289.3 | 12.1 | 11.4 | -4.0 | 312.9 | 323.1 | 3.4 | 40.3 | 5.3 | 89. |
| 16.9 | 50.3 | 5045.4 | 550.0 | -8.3 | -14.3 | 280.9 | 9.7 | 8.6 | -4.6 | 314.2 | 321.4 | 2.3 | 42.3 | 6.1 | 91. |
| 18.2 | 53.2 | 5403.4 | 525.0 | -10.0 | -19.8 | 299.2 | 8.6 | 7.5 | -4.2 | 316.4 | 321.3 | 1.5 | 40.0 | 6.7 | 94. |
| 19.6 | 56.1 | 5780.1 | 500.0 | -11.9 | -30.9 | 291.8 | 11.3 | 10.5 | -4.2 | 318.5 | 320.7 | 0.6 | 20.4 | 7.4 | 98. |
| 21.1 | 59.1 | 6170.5 | 475.0 | -15.0 | -31.1 | 288.5 | 13.0 | 13.1 | -4.4 | 319.4 | 321.5 | 0.6 | 20.3 | 8.5 | 98. |
| 22.5 | 62.3 | 6577.2 | 450.0 | -17.9 | -31.1 | 290.5 | 14.6 | 13.7 | -5.1 | 320.8 | 322.9 | 0.6 | 30.6 | 9.8 | 99. |
| 23.7 | 65.5 | 7010.9 | 425.0 | -21.0 | -41.1 | 282.5 | 11.1 | 10.9 | -2.4 | 323.1 | 323.3 | 0.4 | 27.3 | 10.9 | 101. |
| 25.7 | 69.9 | 7467.6 | 400.0 | -23.9 | -51.5 | 264.0 | 13.1 | 13.0 | 1.4 | 323.9 | 324.2 | 0.1 | 5.8 | 12.0 | 108. |
| 27.1 | 72.8 | 7919.5 | 375.0 | -29.3 | -51.4 | 263.4 | 13.4 | 13.3 | 1.5 | 324.1 | 324.4 | 0.1 | 8.7 | 13.4 | 98. |
| 28.1 | 75.7 | 8405.3 | 350.0 | -32.2 | -54.1 | 254.4 | 14.9 | 14.3 | 4.0 | 325.3 | 325.6 | 0.1 | 9.1 | 14.7 | 96. |
| 30.9 | 79.3 | 8920.9 | 325.0 | -35.3 | -57.0 | 231.4 | 16.0 | 14.1 | 11.3 | 328.0 | 328.2 | 0.0 | 5.7 | 16.1 | 92. |
| 32.7 | 83.1 | 9477.5 | 300.0 | -39.7 | 99.9 | 228.5 | 19.7 | 14.7 | 13.0 | 329.4 | 329.9 | 99.9 | 99.9 | 17.7 | 88. |
| 34.5 | 87.2 | 10060.0 | 275.0 | -44.9 | 99.9 | 224.3 | 21.3 | 14.9 | 15.3 | 330.2 | 329.9 | 99.9 | 99.9 | 19.4 | 85. |
| 36.7 | 91.7 | 10636.5 | 250.0 | -49.6 | 99.9 | 222.7 | 23.0 | 15.8 | 17.1 | 335.4 | 329.9 | 99.9 | 99.9 | 21.8 | 79. |
| 38.7 | 95.9 | 11379.0 | 225.0 | -54.4 | 99.9 | 200.7 | 23.0 | 8.1 | 21.5 | 335.2 | 329.9 | 99.9 | 99.9 | 24.0 | 73. |
| 41.1 | 100.6 | 12122.1 | 200.0 | -61.6 | 99.9 | 193.3 | 26.0 | 6.0 | 25.3 | 335.2 | 329.9 | 99.9 | 99.9 | 25.7 | 67. |
| 43.2 | 105.4 | 12742.3 | 175.0 | -61.3 | 99.9 | 227.9 | 26.5 | 19.6 | 17.8 | 348.8 | 329.9 | 99.9 | 99.9 | 29.0 | 62. |
| 46.7 | 111.3 | 13916.3 | 150.0 | -58.0 | 99.9 | 249.7 | 22.4 | 21.0 | 7.8 | 370.2 | 329.9 | 99.9 | 99.9 | 33.7 | 62. |
| 50.4 | 117.5 | 15054.0 | 125.0 | -62.4 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 382.1 | 329.9 | 99.9 | 99.9 | 38.2 | 61. |
| 99.0 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.0 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.0 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.0 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

0.17 SPEED MEANS ELEVATION: ANGLE BETWEEN 6 AND 10 DEG
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 12
 JUNCTION, TEXAS

 20 APRIL 1979
 1109 GMT

114 101. 0

| TIME MIN | CNTCT | HEIGHT GPH | PRES MD | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO CM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.3 | 10.9 | 521.0 | 951.5 | 16.5 | 15.7 | 150.0 | 0.5 | -0.3 | 0.4 | 293.8 | 326.7 | 11.9 | 95.8 | 8.0 | 0. |
| 00.3 | 90.0 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.3 | 90.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.1 | 11.1 | 534.6 | 950.0 | 17.5 | 17.4 | 149.0 | 2.9 | -1.5 | 2.5 | 294.9 | 329.6 | 13.3 | 99.8 | 0.1 | 66. |
| 0.3 | 13.3 | 763.0 | 925.0 | 16.2 | 16.0 | 155.4 | 2.5 | -1.1 | 2.3 | 297.9 | 335.3 | 14.2 | 98.9 | 0.1 | 20. |
| 1.3 | 15.5 | 999.5 | 909.0 | 17.7 | 15.6 | 177.1 | 3.8 | -0.2 | 3.8 | 299.8 | 333.2 | 12.5 | 87.7 | 0.2 | 358. |
| 2.7 | 17.6 | 1242.1 | 875.0 | 20.3 | 11.3 | 201.0 | 7.0 | 2.5 | 8.5 | 304.9 | 331.6 | 9.7 | 55.3 | 0.5 | 5. |
| 3.6 | 19.3 | 1492.0 | 850.0 | 19.5 | 10.5 | 201.0 | 9.4 | 3.5 | 8.8 | 305.6 | 331.7 | 9.5 | 59.6 | 0.9 | 16. |
| 4.5 | 22.2 | 1747.9 | 825.0 | 16.6 | 11.8 | 202.7 | 9.1 | 3.5 | 8.4 | 306.1 | 335.5 | 10.7 | 73.6 | 1.5 | 17. |
| 5.4 | 24.5 | 2309.9 | 809.0 | 15.3 | 9.1 | 217.0 | 7.5 | 4.5 | 6.0 | 307.4 | 333.0 | 9.1 | 65.6 | 1.9 | 20. |
| 6.4 | 26.9 | 2278.9 | 775.0 | 14.1 | 4.4 | 242.2 | 5.1 | 4.5 | 2.4 | 308.9 | 328.4 | 8.8 | 52.2 | 2.3 | 24. |
| 7.1 | 29.3 | 2555.0 | 750.0 | 12.0 | 2.0 | 279.2 | 3.1 | 3.0 | -0.5 | 309.7 | 326.7 | 5.9 | 53.1 | 2.4 | 28. |
| 8.4 | 31.7 | 9337.9 | 725.0 | 7.0 | -0.2 | 316.7 | 2.6 | 1.0 | -2.4 | 310.3 | 325.5 | 5.2 | 49.5 | 2.4 | 32. |
| 9.5 | 34.1 | 3128.7 | 700.0 | 4.1 | -3.3 | 333.8 | 3.3 | 1.5 | -3.0 | 311.4 | 324.1 | 4.3 | 44.4 | 2.3 | 36. |
| 10.4 | 36.6 | 3427.4 | 675.0 | 4.9 | -3.7 | 999.9 | 99.9 | 99.9 | 99.9 | 311.2 | 324.0 | 4.3 | 53.4 | 2.2 | 41. |
| 11.4 | 39.2 | 3713.7 | 650.0 | 2.3 | 9.9 | 999.9 | 99.9 | 99.9 | 99.9 | 311.6 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 13.3 | 41.8 | 4248.6 | 625.0 | -0.6 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 311.8 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 14.1 | 44.4 | 4373.2 | 600.0 | -3.1 | -9.4 | 999.9 | 99.9 | 99.9 | 99.9 | 312.5 | 322.0 | 3.1 | 61.7 | 99.9 | 99.9 |
| 15.2 | 47.1 | 4708.5 | 575.0 | -5.9 | -14.3 | 999.9 | 99.9 | 99.9 | 99.9 | 313.1 | 319.9 | 2.2 | 51.3 | 3.9 | 80. |
| 16.5 | 49.9 | 5055.3 | 550.0 | -9.1 | -18.1 | 275.4 | 9.9 | 9.8 | -0.9 | 314.5 | 319.8 | 1.7 | 44.1 | 4.8 | 84. |
| 17.3 | 52.7 | 5418.9 | 525.0 | -10.6 | -25.3 | 273.3 | 7.2 | 7.2 | -0.4 | 315.7 | 318.9 | 1.0 | 29.3 | 5.5 | 85. |
| 19.4 | 55.6 | 5789.6 | 500.0 | -11.9 | -45.9 | 244.7 | 8.0 | 7.7 | -2.0 | 318.5 | 319.0 | 0.1 | 4.0 | 6.1 | 86. |
| 20.3 | 58.5 | 6180.1 | 475.0 | -14.5 | -38.7 | 289.4 | 9.1 | 8.5 | -3.0 | 320.0 | 321.0 | 0.3 | 10.7 | 6.8 | 88. |
| 22.1 | 61.5 | 6547.3 | 450.0 | -17.7 | -36.6 | 295.2 | 8.6 | 7.8 | -3.6 | 321.0 | 322.1 | 0.4 | 17.3 | 7.5 | 91. |
| 23.1 | 64.6 | 7011.8 | 425.0 | -21.4 | -40.7 | 282.4 | 9.5 | 9.3 | -7.0 | 321.6 | 322.5 | 0.3 | 15.6 | 8.2 | 93. |
| 25.4 | 67.9 | 7456.6 | 400.0 | -24.9 | -49.1 | 263.1 | 12.6 | 12.5 | 1.5 | 323.4 | 324.2 | 0.1 | 7.7 | 9.3 | 92. |
| 27.1 | 71.3 | 7923.4 | 375.0 | -28.6 | -49.9 | 257.4 | 15.6 | 14.6 | 3.3 | 323.7 | 324.2 | 0.1 | 12.2 | 10.7 | 91. |
| 28.7 | 74.7 | 8413.5 | 350.0 | -32.6 | -50.6 | 250.1 | 13.0 | 12.7 | 2.7 | 324.8 | 325.2 | 0.1 | 14.5 | 12.0 | 89. |
| 30.5 | 78.3 | 8931.6 | 32.0 | -36.3 | -53.5 | 252.3 | 14.1 | 13.5 | 4.3 | 325.4 | 326.4 | 0.1 | 14.8 | 13.4 | 88. |
| 32.5 | 82.0 | 9492.2 | 300.0 | -40.2 | 99.9 | 243.4 | 15.0 | 13.4 | 6.7 | 326.7 | 999.9 | 99.9 | 99.9 | 15.2 | 85. |
| 35.3 | 86.0 | 10070.1 | 275.0 | -44.9 | 99.9 | 238.8 | 14.5 | 12.4 | 7.5 | 330.1 | 999.9 | 99.9 | 99.9 | 17.3 | 82. |
| 37.1 | 90.7 | 10698.8 | 250.0 | -50.9 | 99.9 | 238.3 | 15.6 | 13.3 | 8.2 | 330.4 | 999.9 | 99.9 | 99.9 | 20.4 | 78. |
| 39.4 | 94.7 | 11378.6 | 225.0 | -55.2 | 99.9 | 236.3 | 16.7 | 13.9 | 9.2 | 331.9 | 999.9 | 99.9 | 99.9 | 23.3 | 75. |
| 42.7 | 99.4 | 12122.0 | 200.0 | -59.9 | 99.9 | 224.2 | 17.9 | 12.5 | 12.9 | 339.6 | 999.9 | 99.9 | 99.9 | 26.2 | 70. |
| 45.3 | 104.4 | 12937.0 | 175.0 | -60.5 | 99.9 | 226.4 | 21.6 | 15.7 | 14.9 | 350.0 | 999.9 | 99.9 | 99.9 | 30.5 | 69. |
| 49.3 | 110.7 | 13922.2 | 150.0 | -58.1 | 99.9 | 245.4 | 22.4 | 20.4 | 9.3 | 370.0 | 999.9 | 99.9 | 99.9 | 35.3 | 69. |
| 51.5 | 116.3 | 15367.3 | 125.0 | -60.5 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 385.4 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 59.3 | 99.9 | 99.9 | 108.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 69.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

 0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 13
MONROE, LOUISIANA

19 APRIL 1979
1405 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTQ GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.3 | 5.4 | 27.0 | 1017.9 | 21.1 | 14.3 | 120.0 | 2.6 | -2.3 | 1.3 | 292.8 | 319.2 | 10.1 | 65.0 | 0.0 | 0. |
| 0.5 | 7.0 | 180.7 | 1000.0 | 21.1 | 13.6 | 156.7 | 5.6 | -2.2 | 5.1 | 294.3 | 320.2 | 9.9 | 62.3 | 0.2 | 324. |
| 1.3 | 9.3 | 400.2 | 975.0 | 21.1 | 9.7 | 148.1 | 7.6 | -4.0 | 6.4 | 296.4 | 317.3 | 7.8 | 48.3 | 0.5 | 330. |
| 2.2 | 11.6 | 625.0 | 950.0 | 20.3 | 9.1 | 141.4 | 9.5 | -5.9 | 7.4 | 297.8 | 318.5 | 7.7 | 48.3 | 1.0 | 326. |
| 3.3 | 14.0 | 854.4 | 925.0 | 18.3 | 8.3 | 144.4 | 9.4 | -5.5 | 7.7 | 298.0 | 318.3 | 7.5 | 52.0 | 1.5 | 325. |
| 4.3 | 16.4 | 1098.5 | 900.0 | 16.2 | 3.7 | 149.8 | 10.3 | -5.2 | 8.9 | 298.2 | 318.0 | 5.8 | 46.5 | 2.0 | 325. |
| 4.3 | 18.8 | 1327.4 | 875.0 | 15.3 | -2.5 | 151.4 | 10.4 | -5.0 | 9.2 | 299.7 | 310.1 | 3.7 | 29.3 | 2.6 | 327. |
| 5.2 | 21.3 | 1521.1 | 850.0 | 13.2 | -2.6 | 153.2 | 10.2 | -4.8 | 9.5 | 300.0 | 310.5 | 3.7 | 33.2 | 3.2 | 328. |
| 6.4 | 23.4 | 1821.9 | 825.0 | 10.8 | -2.5 | 169.4 | 9.8 | -1.8 | 9.7 | 300.0 | 311.0 | 3.9 | 39.2 | 3.8 | 329. |
| 7.3 | 26.3 | 2077.9 | 800.0 | 9.5 | -5.7 | 184.2 | 10.0 | 0.7 | 9.9 | 301.3 | 311.0 | 3.4 | 35.3 | 4.3 | 333. |
| 8.6 | 28.9 | 2340.6 | 775.0 | 7.7 | 3.8 | 204.5 | 8.2 | 3.4 | 7.5 | 302.1 | 320.2 | 6.5 | 76.7 | 4.7 | 337. |
| 9.5 | 31.3 | 2610.7 | 750.0 | 6.0 | 6.0 | 223.5 | 6.3 | 4.3 | 4.6 | 303.1 | 324.9 | 7.9 | 101.3 | 4.9 | 341. |
| 10.7 | 33.9 | 2868.4 | 725.0 | 4.6 | 4.5 | 215.9 | 5.3 | 3.1 | 4.3 | 304.5 | 324.9 | 7.3 | 99.1 | 5.1 | 345. |
| 11.5 | 36.6 | 3174.3 | 700.0 | 2.6 | 2.5 | 206.7 | 4.7 | 2.1 | 4.2 | 305.3 | 323.9 | 6.6 | 99.8 | 5.3 | 347. |
| 12.7 | 39.3 | 3468.1 | 675.0 | 0.8 | 0.4 | 205.2 | 4.1 | 1.7 | 3.7 | 306.6 | 323.3 | 5.9 | 97.3 | 5.5 | 349. |
| 13.4 | 42.0 | 3770.7 | 650.0 | -0.8 | -3.0 | 214.7 | 3.8 | 2.2 | 3.1 | 308.0 | 321.7 | 4.7 | 85.1 | 5.7 | 350. |
| 14.3 | 44.8 | 4033.7 | 625.0 | -2.3 | -3.7 | 213.5 | 4.6 | 2.5 | 3.8 | 309.9 | 323.6 | 4.7 | 90.3 | 5.9 | 352. |
| 16.1 | 47.7 | 4407.5 | 600.0 | -3.6 | -8.8 | 220.4 | 6.1 | 3.9 | 4.6 | 312.0 | 322.0 | 3.3 | 67.4 | 6.2 | 355. |
| 17.2 | 50.6 | 4743.2 | 575.0 | -5.0 | -19.8 | 229.3 | 5.7 | 4.3 | 3.7 | 314.1 | 319.0 | 1.5 | 33.1 | 6.5 | 358. |
| 18.4 | 53.6 | 5091.3 | 550.0 | -7.1 | -19.3 | 224.8 | 4.8 | 3.4 | 3.4 | 315.6 | 320.5 | 1.5 | 37.4 | 6.7 | 0. |
| 19.5 | 56.6 | 5452.6 | 525.0 | -9.3 | -17.8 | 223.1 | 4.4 | 3.0 | 3.2 | 317.2 | 322.9 | 1.8 | 50.1 | 6.9 | 2. |
| 20.3 | 59.5 | 5828.1 | 500.0 | -12.0 | -21.6 | 240.1 | 3.8 | 3.3 | 1.9 | 318.5 | 322.9 | 1.4 | 44.5 | 7.1 | 4. |
| 22.4 | 63.0 | 6218.4 | 475.0 | -15.0 | -25.3 | 258.9 | 3.7 | 3.6 | 0.7 | 319.4 | 322.8 | 1.0 | 40.6 | 7.3 | 6. |
| 23.3 | 66.3 | 6625.9 | 450.0 | -17.3 | -44.0 | 271.0 | 3.4 | 3.4 | -0.1 | 321.5 | 322.1 | 0.2 | 8.0 | 7.3 | 8. |
| 25.3 | 69.7 | 7051.1 | 425.0 | -21.3 | -39.0 | 265.6 | 4.1 | 4.1 | 0.3 | 321.7 | 322.8 | 0.3 | 18.3 | 7.4 | 11. |
| 26.7 | 73.1 | 7498.1 | 400.0 | -23.8 | -65.1 | 264.1 | 6.6 | 6.6 | 0.7 | 324.1 | 324.1 | 0.0 | 1.0 | 7.5 | 14. |
| 28.2 | 76.8 | 7943.8 | 375.0 | -27.4 | -65.7 | 273.3 | 10.4 | 10.4 | -0.6 | 325.4 | 325.4 | 0.0 | 1.3 | 7.7 | 19. |
| 29.3 | 80.7 | 8456.4 | 350.0 | -31.4 | -77.9 | 277.5 | 15.6 | 15.5 | -2.0 | 326.4 | 326.6 | 0.1 | 6.9 | 8.1 | 28. |
| 31.4 | 84.5 | 9178.7 | 325.0 | -34.2 | -71.9 | 281.6 | 21.2 | 20.8 | -4.2 | 329.6 | 329.6 | 0.0 | 1.0 | 8.8 | 39. |
| 33.2 | 88.7 | 9533.6 | 300.0 | -38.9 | -75.1 | 282.1 | 24.9 | 24.3 | -5.2 | 330.5 | 330.5 | 0.0 | 1.0 | 10.2 | 51. |
| 35.1 | 93.0 | 10124.2 | 275.0 | -43.5 | -99.9 | 283.8 | 26.8 | 26.0 | -6.4 | 332.3 | 332.3 | 99.9 | 99.9 | 12.2 | 62. |
| 37.1 | 97.6 | 10757.4 | 250.0 | -49.1 | -137.7 | 286.7 | 29.5 | 28.3 | -9.5 | 333.2 | 333.2 | 99.9 | 99.9 | 15.0 | 71. |
| 39.4 | 102.6 | 11440.1 | 225.0 | -53.0 | -99.9 | 287.8 | 29.3 | 27.9 | -9.0 | 334.3 | 334.3 | 99.9 | 99.9 | 18.4 | 79. |
| 41.5 | 107.8 | 12184.1 | 200.0 | -59.8 | -99.9 | 289.1 | 29.3 | 28.3 | -7.6 | 336.0 | 336.0 | 99.9 | 99.9 | 21.6 | 83. |
| 43.9 | 113.5 | 13011.2 | 175.0 | -61.7 | -99.9 | 285.8 | 25.4 | 24.4 | -6.9 | 348.1 | 348.1 | 99.9 | 99.9 | 25.5 | 87. |
| 46.6 | 119.4 | 13723.0 | 150.0 | -60.7 | -99.9 | 280.0 | 23.0 | 22.7 | -4.0 | 365.6 | 365.6 | 99.9 | 99.9 | 28.9 | 89. |
| 49.4 | 126.4 | 15102.1 | 125.0 | -62.6 | -99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 381.7 | 381.7 | 99.9 | 99.9 | 33.0 | 90. |
| 50.3 | 99.4 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 50.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 50.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 50.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 13
MONROE, LOUISIANA

19 APRIL 1979
1711 GMT

| TIME MM | CNTCT | HEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | J COMP M/SEC | V COMP M/SEC | POT T DEG K | E POT V DEG K | MR RTO CM/KG | 3M PCT | RANGE KM | AZ DEG |
|------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|-----------------|-----------|-------------|-----------|
| 00.0 | 5.0 | 27.0 | 1010.1 | 26.0 | 11.3 | 150.0 | 3.1 | -1.5 | 2.7 | 298.4 | 320.9 | 8.3 | 38.0 | 0.0 | 0.0 |
| 0.6 | 6.5 | 194.6 | 1000.0 | 23.6 | 12.8 | 146.4 | 6.6 | -3.9 | 5.4 | 296.7 | 321.6 | 9.3 | 50.7 | 0.3 | 318. |
| 1.5 | 8.8 | 404.8 | 975.0 | 21.2 | 11.3 | 137.7 | 7.2 | -4.9 | 5.4 | 296.5 | 319.7 | 8.7 | 53.3 | 0.7 | 320. |
| 2.4 | 11.1 | 629.1 | 950.0 | 19.5 | 9.5 | 140.2 | 8.9 | -5.7 | 6.8 | 297.0 | 318.2 | 7.9 | 52.4 | 1.1 | 318. |
| 3.2 | 13.4 | 858.3 | 925.0 | 18.2 | 6.2 | 150.3 | 10.5 | -5.2 | 9.2 | 298.0 | 315.7 | 6.5 | 45.3 | 1.6 | 321. |
| 4.0 | 15.7 | 1092.2 | 900.0 | 16.4 | 3.6 | 161.0 | 11.1 | -3.6 | 10.4 | 298.4 | 313.7 | 5.5 | 42.4 | 2.1 | 324. |
| 4.9 | 14.1 | 1331.2 | 875.0 | 14.7 | 3.2 | 163.7 | 12.1 | -3.4 | 11.6 | 299.1 | 314.4 | 5.5 | 45.9 | 2.7 | 329. |
| 5.9 | 20.5 | 1375.7 | 850.0 | 13.2 | -1.4 | 161.5 | 12.5 | -4.0 | 11.8 | 299.9 | 311.5 | 4.1 | 36.4 | 3.4 | 332. |
| 6.4 | 23.0 | 1325.7 | 825.0 | 11.5 | -3.5 | 162.3 | 12.0 | -3.7 | 11.5 | 300.8 | 311.0 | 3.6 | 34.8 | 4.2 | 333. |
| 7.9 | 25.5 | 2282.1 | 800.0 | 9.7 | -4.7 | 172.9 | 11.0 | -1.4 | 10.9 | 301.5 | 311.2 | 3.4 | 35.6 | 4.8 | 335. |
| 8.4 | 23.0 | 2344.7 | 775.0 | 8.2 | -7.3 | 180.0 | 7.9 | 1.2 | 7.8 | 302.6 | 311.0 | 2.8 | 32.4 | 5.4 | 338. |
| 9.4 | 30.5 | 2614.9 | 750.0 | 6.1 | 4.9 | 210.5 | 5.6 | 2.9 | 4.9 | 303.2 | 323.4 | 7.3 | 92.3 | 5.7 | 340. |
| 11.7 | 33.0 | 2392.8 | 725.0 | 5.2 | 3.3 | 221.9 | 4.5 | 3.0 | 3.4 | 305.2 | 324.1 | 6.7 | 80.2 | 5.9 | 343. |
| 12.2 | 35.7 | 3178.9 | 700.0 | 3.0 | 1.8 | 209.7 | 4.5 | 2.2 | 3.9 | 305.8 | 323.5 | 6.3 | 92.1 | 6.0 | 346. |
| 13.2 | 38.3 | 3473.6 | 675.0 | 1.9 | -0.4 | 214.6 | 4.4 | 2.5 | 3.6 | 307.7 | 323.6 | 5.5 | 84.9 | 6.2 | 347. |
| 14.3 | 41.0 | 3777.1 | 650.0 | -0.4 | -1.8 | 233.7 | 4.0 | 3.2 | 2.4 | 308.5 | 323.5 | 5.2 | 90.4 | 6.4 | 349. |
| 15.4 | 43.8 | 4090.1 | 625.0 | -2.4 | -4.4 | 251.6 | 3.6 | 3.4 | 1.1 | 309.7 | 322.7 | 4.4 | 85.7 | 6.5 | 351. |
| 16.6 | 46.7 | 4414.8 | 600.0 | -2.5 | -11.3 | 255.4 | 4.6 | 4.4 | 1.1 | 313.2 | 321.5 | 2.7 | 50.8 | 6.5 | 354. |
| 17.3 | 49.4 | 4751.3 | 575.0 | -4.8 | -13.6 | 241.3 | 5.2 | 4.6 | 2.5 | 314.3 | 321.6 | 2.3 | 50.1 | 6.6 | 357. |
| 19.2 | 52.4 | 5100.0 | 550.0 | -7.1 | -15.1 | 238.2 | 6.2 | 5.3 | 3.3 | 315.7 | 322.4 | 2.1 | 52.5 | 6.8 | 0. |
| 20.4 | 55.4 | 5451.1 | 525.0 | -9.9 | -16.9 | 235.0 | 5.9 | 5.0 | 3.0 | 316.6 | 322.7 | 1.9 | 54.1 | 7.1 | 3. |
| 21.7 | 58.5 | 5836.2 | 500.0 | -12.1 | -20.7 | 254.4 | 6.1 | 5.9 | 1.6 | 318.3 | 323.1 | 1.5 | 48.2 | 7.3 | 7. |
| 23.1 | 61.7 | 6226.4 | 475.0 | -15.0 | -24.9 | 257.0 | 6.9 | 6.7 | 1.6 | 319.4 | 322.0 | 0.8 | 30.1 | 7.5 | 11. |
| 24.4 | 65.0 | 6633.5 | 450.0 | -17.9 | -31.3 | 243.5 | 6.5 | 5.8 | 2.9 | 320.7 | 322.9 | 0.6 | 29.6 | 7.6 | 14. |
| 25.4 | 68.3 | 7058.2 | 425.0 | -21.5 | -31.9 | 240.3 | 7.0 | 9.8 | 3.5 | 321.5 | 323.6 | 0.6 | 39.1 | 8.1 | 17. |
| 27.1 | 71.9 | 7502.3 | 400.0 | -24.6 | -37.7 | 252.3 | 10.3 | 9.8 | 3.1 | 323.0 | 324.1 | 0.3 | 23.7 | 8.7 | 21. |
| 28.2 | 75.4 | 7969.0 | 375.0 | -28.2 | -42.2 | 277.0 | 12.5 | 12.4 | -1.5 | 324.3 | 325.2 | 0.2 | 24.5 | 9.2 | 26. |
| 30.7 | 79.1 | 8461.3 | 350.0 | -31.2 | -46.9 | 288.5 | 18.4 | 17.5 | -5.9 | 326.7 | 327.3 | 0.2 | 19.7 | 9.6 | 36. |
| 32.4 | 83.0 | 8932.9 | 325.0 | -34.7 | -49.9 | 281.9 | 22.4 | 23.4 | -6.3 | 328.9 | 329.9 | 0.3 | 42.7 | 10.5 | 48. |
| 34.4 | 87.2 | 9336.9 | 300.0 | -39.4 | 99.9 | 281.9 | 22.4 | 22.0 | -4.6 | 328.8 | 329.9 | 99.9 | 99.9 | 12.4 | 58. |
| 36.1 | 91.3 | 10127.1 | 275.0 | -43.9 | 99.9 | 283.2 | 21.2 | 20.7 | -4.9 | 331.6 | 329.9 | 99.9 | 99.9 | 14.1 | 65. |
| 39.1 | 94.9 | 10758.8 | 250.0 | -47.5 | 99.9 | 282.0 | 21.4 | 20.9 | -4.4 | 332.5 | 329.9 | 99.9 | 99.9 | 16.1 | 70. |
| 40.3 | 107.8 | 11440.2 | 225.0 | -55.3 | 99.9 | 284.4 | 22.1 | 21.4 | -4.5 | 333.8 | 329.9 | 99.9 | 99.9 | 18.6 | 75. |
| 42.6 | 108.0 | 12191.3 | 200.0 | -61.3 | 99.9 | 278.6 | 22.1 | 21.8 | -3.3 | 335.7 | 329.9 | 99.9 | 99.9 | 21.3 | 79. |
| 45.0 | 111.5 | 13024.3 | 175.0 | -62.4 | 99.9 | 274.5 | 23.5 | 23.5 | -1.8 | 347.0 | 329.9 | 99.9 | 99.9 | 24.7 | 81. |
| 47.9 | 117.8 | 13864.1 | 150.0 | -61.0 | 99.9 | 276.8 | 21.9 | 21.8 | -2.8 | 365.1 | 329.9 | 99.9 | 99.9 | 28.1 | 83. |
| 51.3 | 124.7 | 15089.1 | 125.0 | -63.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 379.3 | 329.9 | 99.9 | 99.9 | 32.7 | 84. |
| 99.9 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.4 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.1 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.4 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 13
MONROE, LOUISIANA

19 APRIL 1979
2005 GMT

| TIME M14 | CNTCT | HEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DEG K | E POT T DEG K | MX RTO GM/KG | RH PCY | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|-----------------|-----------|-------------|-----------|
| 0.2 | 4.8 | 27.0 | 1015.6 | 32.1 | 9.1 | 140.0 | 7.7 | -4.9 | 5.9 | 301.9 | 321.7 | 7.2 | 27.0 | 0.0 | 0. |
| 0.5 | 6.3 | 163.3 | 1000.0 | 25.3 | 7.9 | 142.5 | 7.6 | -4.6 | 6.0 | 298.5 | 316.8 | 6.7 | 32.9 | 0.3 | 318. |
| 1.5 | 8.5 | 384.8 | 975.0 | 23.0 | 8.1 | 144.2 | 7.8 | -4.6 | 6.3 | 298.4 | 317.4 | 7.0 | 38.5 | 0.7 | 322. |
| 2.4 | 10.7 | 610.2 | 950.0 | 20.7 | 7.4 | 146.0 | 7.9 | -4.2 | 6.7 | 298.2 | 316.8 | 6.8 | 42.4 | 1.1 | 323. |
| 3.4 | 13.1 | 819.8 | 925.0 | 18.6 | 6.9 | 150.5 | 7.2 | -3.6 | 6.3 | 299.3 | 316.8 | 6.8 | 46.5 | 1.6 | 325. |
| 4.5 | 15.4 | 1074.1 | 900.0 | 16.5 | 6.5 | 152.6 | 8.0 | -3.7 | 7.1 | 298.5 | 317.0 | 6.8 | 51.4 | 2.0 | 326. |
| 5.2 | 17.7 | 1313.1 | 875.0 | 14.3 | 5.2 | 156.2 | 10.9 | -4.4 | 10.0 | 298.6 | 316.1 | 6.4 | 56.6 | 2.5 | 328. |
| 5.9 | 20.1 | 1557.0 | 850.0 | 12.1 | 0.6 | 162.7 | 11.2 | -3.3 | 10.7 | 298.8 | 312.4 | 4.9 | 65.9 | 3.0 | 332. |
| 7.2 | 22.5 | 1906.9 | 825.0 | 11.8 | -9.8 | 173.6 | 10.6 | -1.2 | 10.6 | 301.0 | 307.5 | 2.2 | 21.1 | 3.6 | 333. |
| 8.2 | 25.9 | 2063.3 | 800.0 | 10.0 | 3.2 | 188.1 | 7.6 | 1.1 | 7.6 | 301.8 | 318.7 | 6.0 | 62.5 | 4.2 | 337. |
| 9.2 | 27.5 | 2327.0 | 775.0 | 9.4 | 6.6 | 199.6 | 6.7 | 2.3 | 6.3 | 302.8 | 324.8 | 8.0 | 88.9 | 4.6 | 340. |
| 10.3 | 30.0 | 2597.5 | 750.0 | 6.6 | 4.2 | 207.5 | 4.8 | 2.2 | 4.2 | 303.8 | 323.1 | 6.9 | 89.7 | 4.9 | 343. |
| 11.4 | 32.6 | 2975.8 | 725.0 | 4.8 | 3.3 | 209.3 | 4.0 | 1.9 | 3.4 | 304.7 | 323.6 | 6.7 | 89.7 | 5.1 | 346. |
| 12.5 | 35.2 | 3161.6 | 700.0 | 3.2 | 0.8 | 242.9 | 3.6 | 3.2 | 1.6 | 306.1 | 322.7 | 5.8 | 84.0 | 5.2 | 348. |
| 13.7 | 37.8 | 3456.7 | 675.0 | 2.1 | -1.3 | 293.6 | 3.8 | 3.5 | -1.5 | 308.0 | 322.9 | 5.2 | 78.4 | 5.1 | 350. |
| 14.9 | 40.6 | 3760.8 | 650.0 | 0.2 | -3.6 | 290.7 | 4.5 | 4.2 | -1.6 | 309.2 | 322.5 | 4.5 | 75.5 | 5.0 | 353. |
| 15.9 | 43.2 | 4074.6 | 625.0 | -1.5 | -6.0 | 296.6 | 5.9 | 5.3 | -2.6 | 310.8 | 320.8 | 3.4 | 61.0 | 4.8 | 356. |
| 17.1 | 46.1 | 4399.0 | 600.0 | -2.5 | -11.6 | 297.8 | 4.8 | 4.3 | -2.3 | 313.2 | 321.2 | 2.6 | 49.5 | 4.6 | 0. |
| 18.3 | 49.0 | 4735.6 | 575.0 | -4.6 | -15.4 | 293.7 | 4.1 | 4.0 | -1.0 | 314.6 | 320.9 | 2.2 | 42.5 | 4.5 | 4. |
| 19.5 | 51.9 | 5084.0 | 550.0 | -7.5 | -14.9 | 290.2 | 4.6 | 4.5 | -0.8 | 315.3 | 322.1 | 2.2 | 55.0 | 4.5 | 8. |
| 20.2 | 54.2 | 5444.8 | 525.0 | -9.9 | -17.8 | 285.9 | 4.5 | 4.3 | -1.2 | 316.6 | 322.3 | 1.8 | 51.9 | 4.5 | 13. |
| 22.4 | 57.9 | 5919.8 | 500.0 | -12.0 | -24.6 | 288.7 | 5.5 | 5.2 | -1.7 | 318.4 | 321.8 | 1.0 | 34.3 | 4.5 | 18. |
| 23.9 | 61.1 | 6210.8 | 475.0 | -14.5 | -29.2 | 275.5 | 6.9 | 6.8 | -0.7 | 320.1 | 322.5 | 0.7 | 27.2 | 4.6 | 26. |
| 25.7 | 64.3 | 6617.9 | 450.0 | -18.0 | -32.3 | 261.6 | 6.7 | 6.7 | 1.0 | 320.6 | 322.5 | 0.6 | 27.2 | 4.8 | 31. |
| 26.7 | 67.6 | 7042.8 | 425.0 | -20.2 | -40.9 | 259.3 | 8.4 | 8.3 | 1.6 | 323.2 | 324.1 | 0.2 | 13.8 | 5.3 | 36. |
| 28.3 | 71.0 | 7499.8 | 400.0 | -23.3 | -45.0 | 280.4 | 9.6 | 9.4 | -1.7 | 324.7 | 325.4 | 0.2 | 11.5 | 5.9 | 43. |
| 30.1 | 74.8 | 7959.4 | 375.0 | -26.0 | -42.2 | 294.7 | 14.5 | 13.2 | -0.1 | 327.2 | 328.1 | 0.2 | 19.9 | 6.4 | 53. |
| 31.9 | 78.3 | 8455.7 | 350.0 | -28.9 | -43.5 | 297.6 | 20.1 | 19.2 | -0.1 | 329.7 | 330.6 | 0.2 | 22.9 | 7.5 | 65. |
| 33.7 | 82.1 | 8931.0 | 325.0 | -33.4 | -44.7 | 277.1 | 23.0 | 22.6 | -2.9 | 330.7 | 331.5 | 0.2 | 33.8 | 9.6 | 74. |
| 35.7 | 86.2 | 9537.1 | 300.0 | -38.6 | -49.9 | 277.9 | 28.8 | 28.5 | -3.4 | 331.0 | 331.9 | 99.9 | 99.9 | 12.2 | 79. |
| 37.7 | 90.3 | 10129.0 | 275.0 | -43.4 | -49.9 | 275.6 | 28.6 | 28.5 | -2.6 | 332.3 | 332.3 | 99.9 | 99.9 | 15.4 | 83. |
| 39.7 | 94.4 | 10741.9 | 250.0 | -47.1 | -49.9 | 271.9 | 25.0 | 25.0 | -1.7 | 333.0 | 333.0 | 99.9 | 99.9 | 14.7 | 85. |
| 42.9 | 99.6 | 11443.6 | 225.0 | -55.6 | -49.9 | 269.4 | 26.7 | 26.7 | 0.3 | 333.3 | 333.3 | 99.9 | 99.9 | 21.8 | 86. |
| 44.3 | 104.6 | 12194.3 | 200.0 | -61.4 | -49.9 | 268.5 | 28.1 | 28.1 | 0.7 | 335.5 | 335.5 | 99.9 | 99.9 | 25.5 | 86. |
| 47.2 | 110.2 | 13007.0 | 175.0 | -61.5 | -49.9 | 271.1 | 26.7 | 26.7 | -0.5 | 348.4 | 348.4 | 99.9 | 99.9 | 30.1 | 87. |
| 50.1 | 116.0 | 13959.8 | 150.0 | -62.0 | -49.9 | 276.6 | 25.3 | 25.1 | -2.9 | 363.3 | 363.3 | 99.9 | 99.9 | 34.6 | 88. |
| 54.1 | 122.7 | 15085.1 | 125.0 | -64.1 | -49.9 | 999.9 | 99.9 | 99.9 | 99.9 | 378.9 | 378.9 | 99.9 | 99.9 | 40.8 | 89. |
| 59.3 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 59.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 13
MONROE, LOUISIANA

19 APRIL 1979
2305 GMT

| TIME 41N | CNTCT | HEIGHT GPN | PRES MB | TEMP CG C | DEW PT CG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO CM/KG | EM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.7 | 5.2 | 27.0 | 1014.6 | 26.9 | 4.6 | 150.0 | 3.6 | -1.0 | 3.1 | 298.8 | 313.4 | 5.3 | 24.0 | 0.0 | 0.0 |
| 0.3 | 6.5 | 154.6 | 1000.0 | 25.0 | 10.5 | 150.1 | 7.4 | -2.7 | 6.6 | 298.1 | 319.8 | 8.0 | 40.3 | 0.3 | 350. |
| 1.2 | 8.8 | 375.9 | 975.0 | 23.0 | 10.0 | 155.4 | 8.0 | -3.3 | 7.2 | 298.3 | 319.8 | 7.9 | 43.8 | 0.6 | 343. |
| 1.9 | 11.1 | 601.5 | 950.0 | 20.7 | 9.9 | 152.0 | 7.9 | -3.7 | 7.0 | 298.2 | 320.1 | 8.1 | 49.9 | 0.9 | 339. |
| 2.9 | 13.5 | 831.5 | 925.0 | 18.8 | 9.5 | 153.2 | 8.0 | -3.6 | 7.1 | 298.6 | 320.5 | 8.1 | 54.8 | 1.3 | 337. |
| 3.5 | 15.4 | 1065.9 | 900.0 | 16.7 | 8.5 | 153.3 | 9.0 | -4.1 | 8.1 | 298.7 | 319.9 | 7.8 | 59.5 | 1.7 | 336. |
| 4.3 | 18.2 | 1305.3 | 875.0 | 14.4 | 6.1 | 154.2 | 9.4 | -4.1 | 8.5 | 298.8 | 317.3 | 6.8 | 57.2 | 2.2 | 336. |
| 5.4 | 20.6 | 1549.8 | 850.0 | 12.9 | 2.0 | 159.1 | 10.2 | -3.6 | 9.5 | 299.7 | 314.3 | 5.2 | 47.4 | 2.7 | 336. |
| 6.3 | 23.1 | 1794.8 | 825.0 | 11.4 | -6.3 | 167.5 | 9.4 | -2.0 | 9.2 | 300.7 | 309.1 | 2.9 | 28.2 | 3.3 | 337. |
| 7.3 | 25.6 | 2056.5 | 800.0 | 10.3 | 6.2 | 173.4 | 7.6 | -0.9 | 7.6 | 302.2 | 323.1 | 7.6 | 78.4 | 3.8 | 339. |
| 8.2 | 28.1 | 2320.4 | 775.0 | 8.2 | 7.1 | 183.3 | 5.9 | 0.3 | 5.9 | 303.7 | 325.4 | 8.2 | 92.7 | 4.2 | 340. |
| 9.3 | 30.7 | 2570.8 | 750.0 | 6.0 | 5.4 | 193.3 | 4.0 | 0.9 | 3.9 | 303.1 | 323.9 | 7.5 | 95.7 | 4.4 | 342. |
| 10.7 | 33.3 | 2868.8 | 725.0 | 5.3 | 3.7 | 190.2 | 2.0 | 0.4 | 2.0 | 303.3 | 324.7 | 6.9 | 89.6 | 4.6 | 344. |
| 11.3 | 35.9 | 3155.2 | 700.0 | 3.7 | 1.1 | 113.6 | 0.6 | -0.6 | 0.3 | 305.6 | 323.5 | 5.9 | 82.8 | 4.6 | 344. |
| 12.2 | 38.7 | 3450.0 | 675.0 | 1.2 | -0.1 | 84.3 | 0.6 | -0.6 | -0.1 | 307.0 | 323.2 | 5.6 | 91.0 | 4.6 | 343. |
| 13.3 | 41.4 | 3753.1 | 650.0 | -0.6 | -2.1 | 353.2 | 1.1 | 0.1 | -1.1 | 308.0 | 322.7 | 5.1 | 90.9 | 4.6 | 343. |
| 14.3 | 44.2 | 4065.7 | 625.0 | -2.5 | -6.1 | 326.9 | 2.8 | 1.5 | -2.3 | 309.6 | 321.1 | 3.9 | 76.4 | 4.5 | 344. |
| 15.3 | 47.0 | 4399.8 | 600.0 | -2.9 | -11.9 | 332.2 | 3.6 | 1.7 | -3.2 | 312.7 | 320.6 | 2.6 | 49.7 | 4.3 | 344. |
| 16.3 | 50.0 | 4725.7 | 575.0 | -5.1 | -18.2 | 341.8 | 4.5 | 1.4 | -4.2 | 314.1 | 319.1 | 1.6 | 34.6 | 4.0 | 345. |
| 17.5 | 53.0 | 5073.0 | 550.0 | -8.3 | -16.2 | 342.7 | 5.1 | 2.3 | -4.5 | 314.2 | 320.4 | 2.0 | 52.9 | 3.7 | 345. |
| 18.3 | 56.0 | 5432.7 | 525.0 | -10.7 | -25.4 | 319.2 | 5.0 | 3.3 | -3.8 | 315.6 | 318.7 | 0.9 | 29.4 | 3.3 | 347. |
| 19.3 | 59.1 | 5807.8 | 500.0 | -12.0 | -33.3 | 305.4 | 5.3 | 4.3 | -3.0 | 319.4 | 320.0 | 0.5 | 15.0 | 3.1 | 351. |
| 21.1 | 62.1 | 6198.4 | 475.0 | -14.8 | -35.7 | 296.7 | 5.4 | 4.8 | -2.4 | 319.7 | 321.0 | 0.4 | 14.8 | 2.8 | 357. |
| 22.3 | 65.6 | 6603.4 | 450.0 | -18.0 | -36.0 | 291.4 | 6.7 | 6.2 | -2.4 | 320.7 | 322.0 | 0.4 | 19.8 | 2.7 | 5. |
| 23.5 | 69.0 | 7030.8 | 425.0 | -19.8 | -42.0 | 300.9 | 9.4 | 8.1 | -4.8 | 323.6 | 324.4 | 0.2 | 11.7 | 2.5 | 18. |
| 24.7 | 72.6 | 7478.1 | 400.0 | -23.1 | -34.6 | 298.3 | 12.4 | 10.9 | -5.9 | 325.0 | 326.8 | 0.5 | 36.3 | 2.5 | 37. |
| 26.1 | 76.1 | 7947.7 | 375.0 | -26.7 | -32.1 | 299.5 | 15.9 | 13.8 | -7.8 | 326.3 | 328.7 | 0.7 | 60.4 | 2.9 | 61. |
| 27.3 | 80.0 | 8442.7 | 350.0 | -30.2 | -33.7 | 292.9 | 19.8 | 18.3 | -7.7 | 328.1 | 330.3 | 0.6 | 70.8 | 3.9 | 80. |
| 29.3 | 83.8 | 8968.6 | 325.0 | -34.0 | -38.1 | 280.9 | 24.0 | 23.6 | -4.6 | 329.8 | 331.3 | 0.4 | 66.2 | 6.0 | 89. |
| 31.1 | 88.0 | 9521.9 | 300.0 | -39.6 | -44.1 | 277.1 | 23.7 | 23.5 | -2.9 | 330.6 | 331.6 | 0.2 | 57.0 | 8.4 | 92. |
| 32.7 | 92.2 | 10112.5 | 275.0 | -43.8 | -49.9 | 270.9 | 27.3 | 27.1 | -0.4 | 331.7 | 999.9 | 99.9 | 99.9 | 10.8 | 93. |
| 34.3 | 97.0 | 10748.0 | 250.0 | -50.1 | -59.9 | 261.6 | 28.5 | 28.2 | 4.2 | 331.6 | 999.9 | 99.9 | 99.9 | 14.4 | 91. |
| 36.7 | 101.4 | 11423.6 | 225.0 | -56.0 | -69.9 | 258.7 | 30.5 | 29.9 | 6.0 | 332.7 | 999.9 | 99.9 | 99.9 | 17.7 | 89. |
| 38.3 | 107.2 | 12162.4 | 200.0 | -62.3 | -79.9 | 254.4 | 31.6 | 30.4 | 8.5 | 334.1 | 999.9 | 99.9 | 99.9 | 21.3 | 86. |
| 41.2 | 113.0 | 12978.4 | 175.0 | -65.3 | -89.9 | 265.8 | 29.1 | 29.1 | 2.2 | 342.2 | 999.9 | 99.9 | 99.9 | 25.5 | 83. |
| 43.4 | 119.3 | 13926.8 | 150.0 | -62.4 | -99.9 | 277.5 | 27.0 | 26.7 | -3.5 | 342.5 | 999.9 | 99.9 | 99.9 | 29.4 | 86. |
| 46.2 | 126.3 | 15048.1 | 125.0 | -64.1 | -99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 378.9 | 999.9 | 99.9 | 99.9 | 34.0 | 88. |
| 49.3 | 99.9 | 99.9 | 100.0 | -99.9 | -99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 50.3 | 97.9 | 99.9 | 75.0 | -99.9 | -99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 50.7 | 94.0 | 99.9 | 50.0 | -99.9 | -99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 50.9 | 99.9 | 99.9 | 25.0 | -99.9 | -99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 999.9 | 999.9 |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 13
MONROE, LOUISIANA
20 APRIL 1979
205 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | WIND C | DEW PT C | DIR C | SPEED M/SEC | J COMP M/SEC | V COMP M/SEC | POT T C | E POT T C | WX RTO CM/KG | RM PCT | RANGE KM | AZ C |
|-------------|-------|---------------|------------|-----------|-------------|----------|----------------|-----------------|-----------------|------------|--------------|-----------------|-----------|-------------|---------|
| 0.7 | 5.1 | 27.0 | 1014.9 | 23.2 | 13.9 | 120.0 | 0.5 | -0.4 | 0.2 | 295.1 | 321.3 | 9.9 | 56.0 | 0.0 | 0.0 |
| 0.8 | 6.5 | 156.5 | 1000.0 | 23.3 | 15.2 | 152.2 | 7.6 | -3.6 | 6.9 | 297.0 | 326.0 | 11.0 | 58.7 | 0.3 | 319.0 |
| 1.2 | 8.7 | 377.8 | 975.0 | 22.7 | 14.2 | 156.7 | 9.1 | -3.3 | 8.5 | 298.0 | 326.1 | 10.5 | 58.7 | 0.6 | 329.0 |
| 1.7 | 11.1 | 603.2 | 950.0 | 20.5 | 11.7 | 160.4 | 9.3 | -3.1 | 8.7 | 298.0 | 322.6 | 9.2 | 57.5 | 1.0 | 333.0 |
| 2.7 | 13.5 | 933.0 | 925.0 | 18.7 | 4.0 | 160.2 | 10.9 | -3.7 | 10.2 | 298.4 | 313.7 | 5.5 | 37.8 | 1.5 | 336.0 |
| 3.6 | 15.8 | 1067.3 | 900.0 | 17.0 | 4.7 | 161.7 | 11.4 | -3.6 | 10.8 | 299.0 | 315.5 | 6.0 | 44.1 | 2.0 | 337.0 |
| 4.7 | 19.3 | 1306.6 | 875.0 | 14.9 | 1.9 | 166.0 | 10.1 | -2.4 | 9.8 | 299.3 | 314.2 | 5.4 | 44.1 | 2.5 | 338.0 |
| 5.7 | 20.7 | 1551.2 | 850.0 | 13.8 | -2.8 | 169.0 | 9.2 | -1.8 | 9.1 | 300.6 | 311.2 | 3.7 | 31.9 | 2.9 | 340.0 |
| 5.7 | 23.2 | 1901.9 | 825.0 | 12.1 | -5.7 | 171.3 | 8.4 | -1.3 | 8.3 | 301.4 | 310.2 | 3.0 | 28.3 | 3.4 | 341.0 |
| 6.3 | 25.7 | 2358.8 | 800.0 | 10.3 | -4.2 | 170.1 | 8.1 | -1.4 | 8.0 | 302.1 | 312.2 | 3.5 | 35.6 | 3.9 | 342.0 |
| 7.3 | 29.3 | 3222.6 | 775.0 | 8.6 | 7.3 | 176.8 | 6.7 | -0.4 | 6.7 | 303.0 | 326.0 | 8.4 | 92.0 | 4.3 | 343.0 |
| 8.7 | 30.9 | 2593.3 | 750.0 | 6.4 | 6.1 | 183.5 | 4.4 | 0.3 | 6.4 | 303.5 | 325.4 | 7.9 | 97.8 | 4.6 | 345.0 |
| 9.3 | 33.6 | 2971.4 | 725.0 | 4.8 | 4.4 | 157.3 | 2.7 | -1.1 | 2.5 | 304.8 | 324.6 | 6.5 | 92.1 | 5.0 | 344.0 |
| 11.7 | 36.2 | 3157.5 | 700.0 | 3.4 | 2.3 | 121.6 | 2.3 | -1.9 | 1.2 | 306.3 | 324.6 | 5.8 | 92.8 | 5.1 | 343.0 |
| 12.7 | 39.0 | 3452.2 | 675.0 | 1.4 | 0.3 | 100.4 | 1.8 | -1.8 | 0.3 | 307.2 | 323.9 | 5.8 | 78.4 | 5.1 | 342.0 |
| 13.1 | 41.4 | 3755.7 | 650.0 | -0.1 | -3.4 | 50.8 | 2.2 | -1.7 | -1.4 | 308.8 | 322.2 | 4.6 | 78.4 | 5.1 | 342.0 |
| 14.1 | 44.7 | 4069.8 | 625.0 | -0.8 | -11.4 | 42.2 | 2.8 | -1.9 | -2.1 | 311.6 | 319.4 | 2.6 | 44.4 | 5.0 | 340.0 |
| 15.4 | 47.5 | 4395.1 | 600.3 | -2.2 | -15.1 | 29.2 | 2.8 | -1.4 | -2.5 | 313.5 | 319.7 | 2.0 | 35.7 | 4.9 | 339.0 |
| 16.7 | 50.5 | 4731.7 | 575.0 | -4.9 | -14.5 | 12.4 | 2.4 | -0.5 | -2.3 | 314.3 | 321.1 | 2.2 | 46.9 | 4.7 | 337.0 |
| 17.9 | 53.6 | 5079.7 | 550.0 | -7.2 | -20.6 | 97.4 | 0.9 | -0.9 | 0.1 | 315.6 | 320.1 | 1.4 | 36.8 | 4.6 | 336.0 |
| 19.1 | 56.6 | 5442.1 | 525.0 | -7.8 | -29.0 | 24.5 | 0.6 | 0.6 | 0.3 | 319.0 | 321.3 | 0.7 | 16.3 | 4.7 | 336.0 |
| 20.1 | 59.9 | 5819.2 | 500.0 | -10.7 | -31.3 | 342.2 | 0.8 | 0.3 | -0.8 | 320.0 | 321.9 | 0.6 | 15.5 | 4.7 | 336.0 |
| 21.9 | 63.1 | 6210.9 | 475.0 | -13.8 | -32.5 | 325.8 | 1.8 | 1.0 | -1.5 | 320.9 | 322.7 | 0.5 | 19.0 | 4.6 | 336.0 |
| 23.3 | 66.6 | 6619.7 | 450.0 | -16.3 | -33.8 | 320.0 | 6.9 | 4.4 | -3.2 | 322.8 | 324.6 | 0.5 | 21.7 | 4.3 | 337.0 |
| 24.3 | 70.0 | 7047.6 | 425.0 | -19.6 | -26.8 | 321.4 | 10.6 | 6.6 | -8.3 | 323.9 | 327.2 | 1.0 | 52.3 | 3.4 | 340.0 |
| 26.4 | 73.6 | 7495.7 | 400.0 | -21.9 | -23.6 | 300.3 | 11.7 | 10.1 | -5.9 | 326.6 | 331.3 | 1.4 | 85.6 | 2.5 | 352.0 |
| 28.7 | 77.3 | 7967.8 | 375.0 | -25.5 | -28.2 | 283.8 | 12.6 | 12.3 | -3.0 | 327.8 | 331.2 | 1.0 | 79.0 | 2.2 | 18.0 |
| 29.3 | 81.1 | 8464.4 | 350.0 | -29.8 | -31.7 | 265.2 | 16.5 | 16.4 | 1.4 | 328.6 | 331.3 | 0.8 | 83.1 | 2.9 | 48.0 |
| 31.1 | 85.2 | 8938.4 | 325.0 | -33.9 | -36.4 | 252.1 | 18.9 | 18.0 | 5.8 | 329.9 | 331.8 | 0.5 | 77.8 | 4.6 | 58.0 |
| 33.7 | 89.2 | 9433.2 | 300.0 | -39.3 | 99.9 | 253.0 | 17.6 | 16.8 | 5.1 | 330.0 | 999.9 | 99.9 | 999.9 | 6.3 | 62.0 |
| 34.7 | 93.6 | 10132.9 | 275.0 | -44.1 | 99.9 | 252.9 | 18.6 | 17.7 | 5.5 | 331.3 | 999.9 | 99.9 | 999.9 | 8.3 | 65.0 |
| 36.7 | 98.2 | 10763.6 | 250.0 | -50.5 | 99.9 | 252.0 | 17.8 | 18.8 | 6.1 | 331.0 | 999.9 | 99.9 | 999.9 | 10.6 | 66.0 |
| 39.2 | 103.2 | 11440.3 | 225.0 | -56.3 | 99.9 | 250.7 | 24.5 | 24.1 | 4.4 | 332.3 | 999.9 | 99.9 | 999.9 | 13.4 | 68.0 |
| 41.5 | 108.3 | 12177.8 | 200.0 | -62.0 | 99.9 | 261.3 | 30.2 | 29.9 | 4.6 | 334.5 | 999.9 | 99.9 | 999.9 | 17.6 | 71.0 |
| 44.1 | 114.0 | 13022.2 | 175.0 | -63.7 | 99.9 | 273.9 | 27.3 | 27.2 | -1.8 | 344.8 | 999.9 | 99.9 | 999.9 | 21.8 | 74.0 |
| 47.3 | 123.0 | 13949.1 | 150.0 | -62.4 | 99.9 | 278.6 | 25.9 | 25.7 | -2.5 | 362.6 | 999.9 | 99.9 | 999.9 | 26.2 | 78.0 |
| 50.5 | 127.0 | 15068.5 | 125.0 | -65.2 | 99.9 | 279.5 | 22.8 | 22.5 | -3.8 | 376.9 | 999.9 | 99.9 | 999.9 | 31.0 | 81.0 |
| 59.3 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 60.3 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 69.3 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.3 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 13
 MONROE, LOUISIANA

 20 APRIL 1979
 805 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MR ATO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 5.7 | 27.0 | 1013.6 | 19.8 | 19.3 | 120.0 | 1.0 | -0.9 | 0.5 | 290.8 | 317.1 | 10.2 | 75.0 | 0.0 | 0. |
| 0.4 | 7.0 | 143.6 | 1000.0 | 20.4 | 19.0 | 165.1 | 10.1 | -2.6 | 9.8 | 293.6 | 320.1 | 10.1 | 65.7 | 0.3 | 327. |
| 1.2 | 9.4 | 342.9 | 975.0 | 20.3 | 13.3 | 170.3 | 12.2 | -2.1 | 12.1 | 295.5 | 321.7 | 9.9 | 64.2 | 0.8 | 341. |
| 2.0 | 11.0 | 546.9 | 950.0 | 19.3 | 8.6 | 171.2 | 11.7 | -1.8 | 11.6 | 296.7 | 316.8 | 7.4 | 50.2 | 1.4 | 346. |
| 2.4 | 14.3 | 815.9 | 925.0 | 19.3 | 6.1 | 171.2 | 10.2 | -1.6 | 10.0 | 298.1 | 315.6 | 6.4 | 44.8 | 1.9 | 347. |
| 3.6 | 16.7 | 1050.2 | 900.0 | 19.9 | 6.5 | 172.7 | 9.9 | -1.3 | 9.9 | 298.9 | 317.5 | 6.8 | 50.5 | 2.4 | 348. |
| 4.5 | 19.2 | 1299.8 | 875.0 | 15.6 | 0.0 | 170.7 | 10.2 | -1.6 | 10.1 | 300.0 | 312.3 | 4.4 | 34.6 | 2.9 | 349. |
| 5.3 | 21.0 | 1535.1 | 850.0 | 14.4 | -1.4 | 172.0 | 10.7 | -1.5 | 10.6 | 301.2 | 312.8 | 4.1 | 33.7 | 3.4 | 349. |
| 6.3 | 24.3 | 1746.4 | 825.0 | 12.8 | -3.3 | 169.3 | 11.6 | -2.2 | 11.4 | 302.1 | 312.6 | 3.6 | 32.4 | 4.1 | 349. |
| 7.3 | 26.9 | 2043.7 | 800.0 | 10.9 | -7.1 | 167.2 | 12.3 | -2.7 | 12.0 | 302.8 | 311.0 | 2.8 | 27.5 | 4.8 | 349. |
| 8.2 | 29.5 | 2307.4 | 775.0 | 8.7 | -1.5 | 168.6 | 11.4 | -2.3 | 11.2 | 303.2 | 310.0 | 4.5 | 49.4 | 5.4 | 349. |
| 9.1 | 32.1 | 2578.1 | 750.0 | 6.8 | 4.7 | 169.8 | 9.5 | -1.7 | 9.3 | 305.4 | 324.0 | 7.2 | 86.4 | 6.0 | 344. |
| 10.1 | 34.8 | 2856.6 | 725.0 | 5.4 | 4.7 | 177.4 | 6.1 | -0.3 | 6.1 | 305.4 | 326.2 | 7.4 | 95.3 | 6.5 | 349. |
| 11.1 | 37.6 | 3143.4 | 700.0 | 3.6 | 2.9 | 187.5 | 5.0 | 0.7 | 4.9 | 305.5 | 325.6 | 6.8 | 94.6 | 6.7 | 350. |
| 12.0 | 40.3 | 3438.2 | 675.0 | 1.5 | 1.2 | 183.7 | 5.8 | 0.4 | 5.8 | 307.3 | 325.1 | 6.2 | 98.0 | 7.1 | 351. |
| 13.0 | 43.1 | 3741.9 | 650.0 | -0.4 | -1.2 | 181.3 | 5.2 | 0.1 | 5.2 | 309.6 | 324.2 | 5.4 | 94.3 | 7.4 | 351. |
| 14.1 | 46.1 | 4055.5 | 625.0 | -1.3 | -0.2 | 169.5 | 5.9 | -1.1 | 5.8 | 311.0 | 320.1 | 3.0 | 54.7 | 7.7 | 351. |
| 15.2 | 49.0 | 4380.4 | 600.0 | -2.7 | -12.6 | 150.8 | 5.4 | -2.7 | 4.7 | 313.0 | 320.5 | 2.4 | 46.1 | 8.1 | 351. |
| 16.3 | 52.0 | 4716.5 | 575.0 | -5.0 | -15.6 | 142.3 | 4.8 | -3.0 | 3.8 | 316.3 | 320.4 | 2.0 | 43.1 | 8.4 | 350. |
| 17.4 | 55.1 | 5064.9 | 550.0 | -6.6 | -16.6 | 146.2 | 5.1 | -2.9 | 4.3 | 316.3 | 322.2 | 1.9 | 41.6 | 8.7 | 349. |
| 18.7 | 58.3 | 5427.0 | 525.0 | -7.8 | -19.0 | 142.6 | 3.9 | -2.4 | 3.1 | 317.9 | 323.1 | 1.6 | 41.6 | 9.0 | 348. |
| 20.0 | 61.5 | 5803.6 | 500.0 | -11.1 | -23.7 | 122.5 | 4.7 | -4.0 | 2.5 | 319.5 | 323.3 | 1.1 | 35.0 | 9.3 | 347. |
| 21.2 | 64.8 | 6195.9 | 475.0 | -13.2 | -27.2 | 85.9 | 3.0 | -3.0 | -0.2 | 321.6 | 324.5 | 0.9 | 29.9 | 9.4 | 345. |
| 22.4 | 68.1 | 6605.3 | 450.0 | -16.2 | -17.7 | 148.7 | 2.1 | -1.1 | 1.8 | 322.8 | 329.7 | 2.1 | 86.4 | 9.5 | 345. |
| 23.3 | 71.6 | 7034.1 | 425.0 | -18.9 | -21.0 | 231.1 | 3.7 | 2.9 | 2.3 | 324.6 | 330.3 | 1.7 | 83.6 | 9.6 | 346. |
| 24.3 | 75.1 | 7492.5 | 400.0 | -22.2 | -24.5 | 258.6 | 5.2 | 5.0 | 1.0 | 326.1 | 330.5 | 1.3 | 81.9 | 9.7 | 348. |
| 26.7 | 78.9 | 7953.7 | 375.0 | -26.0 | -28.7 | 260.8 | 7.5 | 7.4 | 1.2 | 327.2 | 330.5 | 0.9 | 77.9 | 9.7 | 351. |
| 29.4 | 82.8 | 8450.0 | 350.0 | -29.6 | -33.1 | 258.4 | 8.9 | 8.7 | 1.8 | 328.8 | 331.2 | 0.7 | 71.8 | 9.7 | 356. |
| 30.1 | 86.8 | 8973.5 | 325.0 | -34.5 | -38.0 | 250.4 | 10.1 | 9.5 | 3.4 | 329.1 | 330.7 | 0.4 | 70.2 | 10.0 | 2. |
| 31.3 | 91.0 | 9577.6 | 300.0 | -39.1 | -43.2 | 254.2 | 15.0 | 14.4 | 4.1 | 330.3 | 331.4 | 0.3 | 64.5 | 10.4 | 8. |
| 33.4 | 95.4 | 10119.5 | 275.0 | -43.8 | 99.9 | 257.3 | 20.7 | 20.2 | 4.5 | 331.8 | 999.9 | 99.9 | 999.9 | 11.3 | 18. |
| 35.0 | 100.2 | 10750.3 | 250.0 | -49.9 | 99.9 | 247.3 | 23.1 | 21.3 | 6.9 | 331.8 | 999.9 | 99.9 | 999.9 | 13.1 | 28. |
| 37.2 | 105.0 | 11410.4 | 225.0 | -55.6 | 99.9 | 242.6 | 26.0 | 23.1 | 12.0 | 333.4 | 999.9 | 99.9 | 999.9 | 15.6 | 34. |
| 40.3 | 110.4 | 12168.3 | 200.0 | -62.6 | 99.9 | 236.4 | 30.7 | 25.5 | 17.0 | 333.6 | 999.9 | 99.9 | 999.9 | 19.6 | 39. |
| 42.2 | 116.3 | 12995.1 | 175.0 | -64.0 | 99.9 | 260.9 | 28.2 | 27.9 | 4.4 | 344.4 | 999.9 | 99.9 | 999.9 | 22.7 | 42. |
| 44.5 | 122.8 | 13933.5 | 150.0 | -63.7 | 99.9 | 284.3 | 24.4 | 23.7 | -6.0 | 360.4 | 999.9 | 99.9 | 999.9 | 24.8 | 50. |
| 47.0 | 129.7 | 15046.0 | 125.0 | -64.6 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 378.0 | 999.9 | 99.9 | 999.9 | 26.8 | 55. |
| 99.9 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999. |
| 99.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999. |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999. |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 13
MOBILE, LOUISIANA20 APRIL 1979
1105 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | COMP M/SEC | V COMP M/SEC | POT T DEG K | E POT T DEG K | WX RTO CM/KG | 2M PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|---------------|-----------------|----------------|------------------|-----------------|-----------|-------------|-----------|
| 0.2 | 5.4 | 27.0 | 1014.4 | 19.0 | 14.9 | 130.0 | 1.5 | -1.1 | 1.9 | 291.0 | 314.3 | 10.6 | 77.0 | 0.0 | 0.0 |
| 0.3 | 6.7 | 150.4 | 1000.0 | 19.5 | 14.6 | 180.8 | 6.5 | 0.1 | 6.5 | 292.7 | 320.0 | 10.5 | 73.2 | 0.3 | 329.0 |
| 1.1 | 9.1 | 368.4 | 975.0 | 18.6 | 15.0 | 191.6 | 9.4 | 1.9 | 9.2 | 293.9 | 322.9 | 11.1 | 60.0 | 0.5 | 345.0 |
| 1.3 | 11.5 | 591.2 | 950.0 | 17.3 | 11.7 | 191.5 | 11.3 | 2.2 | 11.1 | 294.7 | 319.0 | 9.2 | 69.9 | 1.0 | 358.0 |
| 2.7 | 14.0 | 818.8 | 925.0 | 16.6 | 7.9 | 178.3 | 11.8 | -0.4 | 11.6 | 296.3 | 315.8 | 7.2 | 56.3 | 1.6 | 2.0 |
| 3.5 | 16.4 | 1051.9 | 900.0 | 15.4 | 6.4 | 170.3 | 11.4 | -1.9 | 11.2 | 297.4 | 315.8 | 6.7 | 55.1 | 2.1 | 359.0 |
| 4.4 | 18.9 | 1290.4 | 875.0 | 14.8 | 0.1 | 165.9 | 12.0 | -2.9 | 11.7 | 299.1 | 311.5 | 4.4 | 35.7 | 2.7 | 357.0 |
| 5.2 | 21.4 | 1534.8 | 850.0 | 13.4 | -3.3 | 162.4 | 13.0 | -4.4 | 12.2 | 300.2 | 310.3 | 3.5 | 31.3 | 3.3 | 356.0 |
| 6.2 | 23.9 | 1795.1 | 825.0 | 11.9 | -5.9 | 159.4 | 12.4 | -4.6 | 11.5 | 301.2 | 309.9 | 3.0 | 28.2 | 4.0 | 351.0 |
| 7.3 | 26.5 | 2042.2 | 800.0 | 10.6 | -7.4 | 161.1 | 12.2 | -4.0 | 11.6 | 302.4 | 312.5 | 2.7 | 27.5 | 4.7 | 350.0 |
| 7.9 | 29.1 | 2305.3 | 775.0 | 8.2 | -7.5 | 162.5 | 11.3 | -3.4 | 10.8 | 302.6 | 310.8 | 2.6 | 32.1 | 5.3 | 349.0 |
| 8.9 | 31.8 | 2575.4 | 750.0 | 6.6 | 1.3 | 161.2 | 9.3 | -3.0 | 8.8 | 303.7 | 320.7 | 6.1 | 76.4 | 5.9 | 348.0 |
| 9.9 | 34.4 | 2853.3 | 725.0 | 4.6 | 4.6 | 159.2 | 6.4 | -2.3 | 6.0 | 304.5 | 325.0 | 7.4 | 102.9 | 6.3 | 348.0 |
| 10.7 | 37.2 | 3139.2 | 700.0 | 3.0 | 3.0 | 151.8 | 4.7 | -2.2 | 4.1 | 305.9 | 325.1 | 6.8 | 103.1 | 6.6 | 347.0 |
| 11.7 | 40.0 | 3433.6 | 675.0 | 1.4 | 1.4 | 148.8 | 4.1 | -2.1 | 3.5 | 307.2 | 325.1 | 6.3 | 103.2 | 6.8 | 347.0 |
| 12.7 | 42.8 | 3717.1 | 650.0 | -0.9 | -0.9 | 149.0 | 4.3 | -2.2 | 3.7 | 308.0 | 324.0 | 5.5 | 102.8 | 7.1 | 346.0 |
| 13.7 | 45.7 | 4009.7 | 625.0 | -3.0 | -3.0 | 154.4 | 5.2 | -2.2 | 4.7 | 309.1 | 323.4 | 4.9 | 102.3 | 7.4 | 345.0 |
| 15.2 | 48.6 | 4372.3 | 600.0 | -5.2 | -5.2 | 156.8 | 6.3 | -2.5 | 5.8 | 310.1 | 322.8 | 4.3 | 101.8 | 7.4 | 345.0 |
| 16.2 | 51.6 | 4707.1 | 575.0 | -6.2 | -7.3 | 157.5 | 6.5 | -2.5 | 6.0 | 312.8 | 324.4 | 3.9 | 92.0 | 9.3 | 344.0 |
| 17.6 | 54.8 | 5053.7 | 550.0 | -8.2 | -14.0 | 150.5 | 7.6 | -3.8 | 6.6 | 314.3 | 321.6 | 2.4 | 63.0 | 9.8 | 344.0 |
| 18.7 | 57.9 | 5314.9 | 525.0 | -9.0 | -15.8 | 137.1 | 7.9 | -5.3 | 5.8 | 317.6 | 324.4 | 2.1 | 57.8 | 9.3 | 343.0 |
| 20.0 | 61.1 | 5790.8 | 500.0 | -11.8 | -15.1 | 148.9 | 7.9 | -4.1 | 6.7 | 318.7 | 326.1 | 2.4 | 76.3 | 9.8 | 341.0 |
| 21.3 | 64.4 | 6143.4 | 475.0 | -13.5 | -14.5 | 170.6 | 8.9 | -1.5 | 8.8 | 321.3 | 329.6 | 2.6 | 92.1 | 19.5 | 341.0 |
| 22.7 | 67.8 | 6593.4 | 450.0 | -15.6 | -17.9 | 180.8 | 6.7 | 0.1 | 6.7 | 323.7 | 330.4 | 2.1 | 82.4 | 11.1 | 342.0 |
| 24.1 | 71.3 | 7022.8 | 425.0 | -18.4 | -21.2 | 211.7 | 6.1 | 3.2 | 5.2 | 325.4 | 330.9 | 1.7 | 78.6 | 11.5 | 343.0 |
| 25.5 | 74.9 | 7472.4 | 400.0 | -21.8 | -24.0 | 229.4 | 8.1 | 6.2 | 5.3 | 326.6 | 331.2 | 1.4 | 82.4 | 11.9 | 346.0 |
| 26.3 | 78.6 | 7944.3 | 375.0 | -25.5 | -27.4 | 231.9 | 9.9 | 7.8 | 6.1 | 327.9 | 331.6 | 1.1 | 84.1 | 12.2 | 349.0 |
| 28.5 | 82.4 | 8441.1 | 350.0 | -29.3 | -31.9 | 237.4 | 9.2 | 7.7 | 4.9 | 329.3 | 331.9 | 0.7 | 77.5 | 12.6 | 353.0 |
| 30.3 | 86.5 | 8965.5 | 325.0 | -34.0 | -34.0 | 237.7 | 11.1 | 9.4 | 5.7 | 330.8 | 332.0 | 0.5 | 73.9 | 13.0 | 357.0 |
| 32.1 | 90.7 | 9521.1 | 300.0 | -39.7 | -42.1 | 237.7 | 14.7 | 12.4 | 7.8 | 330.8 | 332.0 | 0.3 | 69.9 | 13.7 | 2.0 |
| 34.1 | 95.2 | 10112.1 | 275.0 | -44.0 | 99.9 | 232.2 | 17.5 | 13.8 | 10.7 | 331.6 | 999.9 | 99.9 | 999.9 | 15.0 | 8.0 |
| 36.0 | 99.8 | 10744.1 | 250.0 | -49.7 | 99.9 | 226.8 | 21.6 | 15.7 | 14.8 | 332.2 | 999.9 | 99.9 | 999.9 | 16.8 | 13.0 |
| 38.2 | 104.8 | 11424.4 | 225.0 | -55.5 | 99.9 | 231.5 | 23.3 | 18.2 | 14.5 | 333.4 | 999.9 | 99.9 | 999.9 | 19.2 | 18.0 |
| 40.5 | 110.2 | 12164.1 | 200.0 | -61.9 | 99.9 | 234.7 | 26.6 | 21.7 | 15.4 | 334.7 | 999.9 | 99.9 | 999.9 | 22.1 | 23.0 |
| 42.7 | 116.0 | 12900.8 | 175.0 | -65.5 | 99.9 | 260.3 | 27.5 | 27.1 | 4.6 | 341.9 | 999.9 | 99.9 | 999.9 | 25.1 | 29.0 |
| 45.3 | 122.5 | 13928.9 | 150.0 | -61.6 | 99.9 | 284.2 | 19.6 | 19.0 | 4.8 | 363.9 | 999.9 | 99.9 | 999.9 | 28.7 | 36.0 |
| 48.7 | 129.7 | 15051.2 | 125.0 | -64.1 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 378.9 | 999.9 | 99.9 | 999.9 | 28.3 | 42.0 |
| 50.7 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 52.7 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 54.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 56.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 14
 MARFA, TEXAS

 19 APRIL 1979
 1114 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP CG C | DEW PT CG C | DIR DG | SPEED M/SEC | J COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO CM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 20.1 | 1473.0 | 850.3 | 16.3 | 3.4 | 340.0 | 2.1 | 0.7 | -2.0 | 303.2 | 319.4 | 5.8 | 42.0 | 0.0 | 0. |
| 00.7 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.9 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.9 | 99.9 | 99.9 | 875.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.9 | 99.9 | 99.9 | 850.0 | 16.4 | 3.3 | 339.4 | 2.3 | 0.8 | -2.2 | 303.3 | 319.5 | 5.7 | 41.6 | 0.0 | 0. |
| 0.9 | 22.4 | 1712.2 | 825.0 | 18.9 | 0.6 | 322.2 | 9.5 | 5.8 | -7.5 | 308.6 | 322.7 | 4.9 | 29.3 | 0.4 | 141. |
| 1.9 | 24.6 | 1995.1 | 800.0 | 16.7 | 0.7 | 324.7 | 9.9 | 5.7 | -6.1 | 309.0 | 323.6 | 5.0 | 33.7 | 0.9 | 144. |
| 2.9 | 27.0 | 2268.3 | 775.0 | 14.3 | 1.0 | 313.2 | 9.0 | 6.6 | -6.2 | 309.2 | 324.6 | 5.3 | 40.2 | 1.5 | 143. |
| 3.7 | 29.4 | 2540.8 | 750.0 | 12.9 | -2.0 | 306.9 | 7.6 | 6.1 | -4.6 | 310.6 | 323.6 | 4.4 | 35.3 | 1.9 | 139. |
| 4.7 | 31.8 | 2828.4 | 725.0 | 10.5 | -2.9 | 305.9 | 5.2 | 4.3 | -3.1 | 311.0 | 323.7 | 4.3 | 39.0 | 2.3 | 137. |
| 5.4 | 34.2 | 3115.6 | 700.0 | 8.1 | 0.2 | 273.0 | 5.8 | 5.8 | -3.0 | 311.5 | 327.7 | 5.6 | 57.4 | 2.6 | 136. |
| 6.4 | 36.7 | 3414.8 | 675.0 | 5.5 | -0.3 | 253.8 | 6.5 | 6.2 | 1.8 | 311.8 | 329.0 | 5.6 | 66.1 | 2.8 | 128. |
| 7.4 | 39.2 | 3722.4 | 650.0 | 2.9 | -1.3 | 249.4 | 7.7 | 7.2 | 2.7 | 312.3 | 328.1 | 5.4 | 74.0 | 3.1 | 121. |
| 8.7 | 41.4 | 4039.0 | 625.0 | 0.3 | -2.6 | 246.9 | 8.9 | 8.2 | 3.5 | 312.6 | 327.7 | 5.1 | 81.0 | 3.4 | 114. |
| 10.7 | 44.4 | 4365.0 | 600.0 | -2.7 | -6.0 | 239.5 | 10.1 | 8.7 | 7.1 | 313.0 | 325.3 | 4.1 | 77.8 | 3.9 | 107. |
| 11.1 | 47.1 | 4701.1 | 575.0 | -5.2 | -9.8 | 226.6 | 11.3 | 8.2 | 7.8 | 313.9 | 323.6 | 3.2 | 70.3 | 4.3 | 99. |
| 12.3 | 49.9 | 5048.9 | 550.0 | -7.8 | -10.3 | 217.0 | 10.3 | 6.2 | 8.2 | 314.6 | 324.5 | 3.2 | 82.3 | 4.8 | 91. |
| 13.5 | 52.7 | 5410.2 | 525.0 | -9.5 | -11.1 | 208.0 | 7.4 | 3.5 | 6.5 | 317.0 | 326.6 | 3.1 | 87.6 | 5.2 | 85. |
| 14.3 | 55.6 | 5785.8 | 500.0 | -12.1 | -13.4 | 194.0 | 7.4 | 1.8 | 7.1 | 318.4 | 326.9 | 2.7 | 89.9 | 5.5 | 80. |
| 14.7 | 54.5 | 6176.7 | 475.0 | -14.8 | -15.7 | 191.7 | 9.8 | 2.0 | 9.6 | 319.7 | 327.2 | 2.4 | 92.2 | 5.7 | 73. |
| 17.4 | 61.5 | 6584.5 | 450.0 | -17.2 | -18.4 | 206.2 | 11.7 | 5.2 | 10.5 | 321.6 | 328.0 | 2.0 | 90.5 | 6.2 | 67. |
| 19.7 | 64.6 | 7019.9 | 425.0 | -20.2 | -21.3 | 211.5 | 11.6 | 6.0 | 10.9 | 323.1 | 328.5 | 1.6 | 93.6 | 7.1 | 62. |
| 20.3 | 67.9 | 7457.9 | 400.0 | -23.0 | -24.4 | 214.2 | 10.3 | 5.8 | 8.5 | 325.1 | 329.5 | 1.3 | 89.6 | 7.9 | 59. |
| 21.3 | 71.1 | 7927.9 | 375.0 | -26.3 | -27.7 | 224.3 | 9.6 | 6.7 | 6.8 | 326.8 | 330.4 | 1.0 | 87.3 | 8.7 | 57. |
| 23.7 | 74.7 | 8422.7 | 350.0 | -30.6 | -32.9 | 243.2 | 10.6 | 9.5 | 4.8 | 327.4 | 329.8 | 0.7 | 80.0 | 9.8 | 56. |
| 25.5 | 79.3 | 8948.5 | 325.0 | -35.0 | -37.8 | 246.4 | 15.2 | 14.0 | 6.1 | 328.4 | 330.0 | 0.4 | 75.9 | 11.1 | 58. |
| 27.2 | 82.0 | 9497.7 | 300.0 | -39.1 | -42.3 | 238.4 | 17.3 | 14.6 | 9.1 | 330.2 | 331.3 | 0.3 | 71.2 | 12.9 | 58. |
| 29.3 | 86.0 | 10046.1 | 275.0 | -44.7 | 99.9 | 234.1 | 18.8 | 15.2 | 11.0 | 330.5 | 999.9 | 99.9 | 999.9 | 15.1 | 58. |
| 31.5 | 90.2 | 10714.6 | 250.0 | -51.2 | 99.9 | 232.7 | 20.4 | 16.2 | 12.4 | 329.9 | 999.9 | 99.9 | 999.9 | 17.7 | 57. |
| 33.2 | 94.7 | 11391.9 | 225.0 | -55.3 | 99.9 | 234.7 | 24.5 | 20.0 | 14.2 | 333.7 | 999.9 | 99.9 | 999.9 | 21.2 | 56. |
| 37.1 | 99.4 | 12134.8 | 200.0 | -63.5 | 99.9 | 246.9 | 26.4 | 24.3 | 10.4 | 337.0 | 999.9 | 99.9 | 999.9 | 25.7 | 57. |
| 40.2 | 104.6 | 12967.8 | 175.0 | -58.8 | 99.9 | 249.0 | 30.0 | 28.0 | 10.8 | 352.9 | 999.9 | 99.9 | 999.9 | 30.7 | 59. |
| 43.9 | 110.3 | 13936.3 | 150.0 | -59.1 | 99.9 | 249.8 | 28.7 | 26.9 | 9.9 | 368.2 | 999.9 | 99.9 | 999.9 | 37.9 | 61. |
| 48.0 | 116.7 | 15067.9 | 125.0 | -62.5 | 99.9 | 251.7 | 25.8 | 24.5 | 8.1 | 381.8 | 999.9 | 99.9 | 999.9 | 44.3 | 62. |
| 53.0 | 124.0 | 16428.5 | 100.0 | -69.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 394.5 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.3 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |

 * BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 14
MARFA, TEXAS

| TIME MIN | CHCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | W/COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GNRG | 3H PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|----------------|-----------|-------------|----------|
| 0-0 | 20-8 | 1473.0 | 852.0 | 18.4 | 4.9 | 60.0 | 1.0 | -0.9 | -0.5 | 305.2 | 323.3 | 6.4 | 41.0 | 0.0 | 0. |
| 00.0 | 00.0 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.0 | 00.0 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.0 | 00.0 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.0 | 00.0 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.0 | 00.0 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.0 | 00.0 | 99.9 | 875.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0-1 | 21.0 | 1493.1 | 850.0 | 18.5 | 3.0 | 318.5 | 1.3 | 0.8 | -1.0 | 305.5 | 321.4 | 5.6 | 35.0 | 0.0 | 164. |
| 1-2 | 23.5 | 1749.0 | 825.0 | 17.5 | 2.3 | 331.2 | 2.7 | 1.3 | -2.4 | 307.1 | 322.8 | 5.5 | 36.1 | 0.1 | 151. |
| 2-2 | 26.1 | 2010.9 | 800.0 | 15.8 | 2.5 | 322.3 | 5.1 | 3.1 | -4.0 | 308.0 | 324.5 | 5.8 | 40.9 | 0.3 | 153. |
| 3-3 | 28.7 | 2279.7 | 775.0 | 13.8 | 2.7 | 308.2 | 6.9 | 5.4 | -1.0 | 308.6 | 325.9 | 6.0 | 47.1 | 0.8 | 143. |
| 4-3 | 31.3 | 2555.0 | 750.0 | 11.3 | 2.8 | 284.2 | 5.4 | 5.3 | -1.3 | 308.9 | 326.9 | 6.3 | 55.8 | 1.1 | 134. |
| 5-3 | 34.0 | 2437.6 | 725.0 | 9.7 | 1.3 | 256.6 | 3.4 | 3.3 | 0.8 | 310.1 | 326.9 | 5.8 | 55.6 | 1.3 | 128. |
| 6-3 | 36.8 | 3125.4 | 700.0 | 7.8 | -2.9 | 230.8 | 5.9 | 4.6 | 3.7 | 311.1 | 324.2 | 4.4 | 46.5 | 1.4 | 118. |
| 7-5 | 39.4 | 3427.2 | 675.0 | 5.3 | -2.8 | 222.4 | 7.8 | 5.3 | 5.8 | 311.5 | 325.2 | 4.6 | 56.0 | 1.6 | 102. |
| 8-7 | 42.3 | 3734.2 | 650.0 | 2.1 | -4.9 | 230.0 | 10.6 | 8.2 | 7.6 | 311.4 | 323.6 | 4.1 | 59.9 | 2.1 | 85. |
| 9-7 | 45.2 | 4049.8 | 625.0 | 0.2 | -10.5 | 235.2 | 13.3 | 10.9 | 9.1 | 312.7 | 321.1 | 2.8 | 44.3 | 2.9 | 77. |
| 11-3 | 48.1 | 4375.5 | 600.0 | -2.6 | -10.3 | 234.9 | 15.8 | 12.9 | 9.1 | 313.1 | 321.9 | 2.9 | 55.4 | 4.0 | 70. |
| 12-5 | 51.1 | 4711.4 | 575.0 | -5.7 | -12.2 | 234.8 | 18.3 | 13.3 | 9.4 | 313.3 | 321.3 | 2.6 | 59.9 | 5.3 | 66. |
| 14-7 | 54.3 | 5058.1 | 550.0 | -8.9 | -13.0 | 231.6 | 17.7 | 10.7 | 8.5 | 313.5 | 321.4 | 2.6 | 72.0 | 6.5 | 64. |
| 15-3 | 57.4 | 5417.7 | 525.0 | -10.6 | -14.4 | 221.9 | 10.6 | 7.1 | 7.9 | 315.7 | 323.1 | 2.4 | 73.7 | 7.4 | 62. |
| 16-6 | 60.5 | 5792.2 | 500.0 | -12.6 | -13.4 | 227.7 | 12.3 | 5.7 | 10.9 | 317.7 | 326.2 | 2.7 | 91.2 | 8.2 | 59. |
| 18-3 | 63.9 | 6142.0 | 475.0 | -15.3 | -16.2 | 202.3 | 11.3 | 4.3 | 10.4 | 319.1 | 326.3 | 2.3 | 92.8 | 9.0 | 55. |
| 19-5 | 67.3 | 6599.3 | 450.0 | -17.5 | -18.0 | 208.3 | 9.0 | 4.3 | 7.9 | 321.3 | 327.9 | 2.1 | 95.5 | 9.9 | 53. |
| 21-7 | 70.7 | 7015.5 | 425.0 | -20.3 | -20.9 | 215.1 | 8.4 | 4.8 | 6.8 | 322.9 | 328.5 | 1.7 | 94.8 | 10.5 | 51. |
| 22-6 | 74.4 | 7462.1 | 400.0 | -23.0 | -24.6 | 218.8 | 8.7 | 5.4 | 6.7 | 325.1 | 329.4 | 1.3 | 86.5 | 11.3 | 50. |
| 24-3 | 78.1 | 7931.2 | 375.0 | -27.2 | -34.3 | 228.2 | 10.2 | 7.6 | 6.8 | 325.6 | 327.6 | 0.6 | 50.6 | 12.2 | 50. |
| 26-1 | 82.0 | 8424.7 | 350.0 | -30.8 | -38.2 | 231.0 | 12.0 | 9.3 | 7.5 | 327.3 | 328.7 | 0.4 | 67.4 | 13.4 | 50. |
| 27-0 | 86.2 | 8946.7 | 325.0 | -34.8 | -42.9 | 237.6 | 15.6 | 13.1 | 8.3 | 328.8 | 329.7 | 0.3 | 42.8 | 14.9 | 50. |
| 29-7 | 90.3 | 9500.6 | 300.0 | -39.1 | -45.7 | 244.6 | 17.0 | 15.4 | 7.3 | 330.3 | 331.1 | 0.2 | 49.1 | 16.7 | 51. |
| 31-6 | 94.8 | 10089.7 | 275.0 | -44.8 | 99.9 | 241.3 | 19.4 | 17.0 | 9.3 | 330.4 | 999.9 | 99.9 | 999.9 | 18.7 | 53. |
| 33-7 | 99.6 | 10719.4 | 250.0 | -50.6 | 99.9 | 238.9 | 20.4 | 17.5 | 10.5 | 330.8 | 999.9 | 99.9 | 999.9 | 21.2 | 54. |
| 35-9 | 104.6 | 11402.5 | 225.0 | -53.9 | 99.9 | 242.4 | 23.0 | 20.4 | 10.7 | 335.9 | 999.9 | 99.9 | 999.9 | 23.9 | 54. |
| 38.1 | 110.0 | 12149.8 | 200.0 | -59.1 | 99.9 | 245.6 | 23.2 | 21.1 | 9.6 | 339.1 | 999.9 | 99.9 | 999.9 | 27.1 | 56. |
| 40.9 | 116.0 | 12919.3 | 175.0 | -54.3 | 99.9 | 253.3 | 25.8 | 23.8 | 12.0 | 353.4 | 999.9 | 99.9 | 999.9 | 31.1 | 57. |
| 44.1 | 122.5 | 13965.0 | 150.0 | -57.5 | 99.9 | 242.9 | 25.3 | 22.6 | 11.5 | 371.0 | 999.9 | 99.9 | 999.9 | 36.2 | 58. |
| 47.6 | 129.7 | 15105.0 | 125.0 | -61.1 | 99.9 | 247.1 | 24.9 | 23.0 | 9.7 | 384.3 | 999.9 | 99.9 | 999.9 | 41.8 | 58. |
| 51.8 | 137.7 | 16476.9 | 100.0 | -67.4 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 397.6 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 59.1 | 99.0 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 59.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 14
MARFA, TEXAS19 APRIL 1979
1723 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POI T DG K | E POT T DG K | WX P/C G/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|----------------|-----------|-------------|----------|
| 0.7 | 20.9 | 1473.0 | 452.7 | 26.3 | 1.6 | 280.0 | 4.1 | 4.0 | -0.7 | 313.4 | 328.3 | 5.0 | 20.0 | 0.0 | 0. |
| 09.9 | 99.7 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 09.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 09.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 09.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 09.9 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 09.9 | 99.9 | 99.9 | 875.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.2 | 21.2 | 1500.0 | 850.0 | 23.4 | 6.7 | 303.5 | 4.9 | 4.1 | -2.7 | 310.7 | 331.6 | 7.3 | 34.1 | 0.1 | 121. |
| 0.7 | 23.7 | 1759.9 | 825.0 | 21.1 | 5.6 | 306.4 | 4.7 | 3.8 | -2.8 | 311.0 | 330.9 | 6.9 | 36.2 | 0.1 | 121. |
| 1.1 | 26.2 | 2328.8 | 800.0 | 18.2 | 3.7 | 312.1 | 4.0 | 2.9 | -2.7 | 310.6 | 328.7 | 6.3 | 38.2 | 0.3 | 125. |
| 1.7 | 28.8 | 2295.7 | 775.0 | 15.5 | 2.8 | 310.9 | 2.8 | 2.1 | -1.8 | 310.5 | 328.0 | 6.1 | 42.6 | 0.4 | 128. |
| 2.2 | 31.4 | 2572.4 | 750.0 | 12.5 | 1.9 | 309.5 | 2.5 | 1.9 | -1.6 | 310.1 | 327.2 | 5.9 | 48.5 | 0.4 | 127. |
| 2.4 | 34.1 | 2435.6 | 725.0 | 10.0 | 1.1 | 296.7 | 3.1 | 2.8 | -1.4 | 310.4 | 327.0 | 5.7 | 53.9 | 0.5 | 129. |
| 3.4 | 36.8 | 3145.9 | 700.0 | 6.9 | -0.4 | 244.4 | 5.8 | 5.2 | 2.5 | 310.1 | 325.6 | 5.3 | 59.7 | 0.8 | 115. |
| 4.7 | 39.6 | 3433.7 | 675.0 | 4.5 | -2.0 | 221.2 | 7.7 | 5.1 | 5.8 | 310.7 | 325.1 | 4.9 | 62.5 | 0.9 | 95. |
| 5.4 | 42.3 | 3750.0 | 650.0 | 1.9 | -5.7 | 227.1 | 9.2 | 6.8 | 6.3 | 311.1 | 322.5 | 3.8 | 54.9 | 1.4 | 75. |
| 6.1 | 45.1 | 4305.2 | 625.0 | -0.6 | -7.8 | 229.3 | 11.1 | 8.4 | 7.2 | 311.8 | 322.1 | 3.4 | 58.2 | 2.0 | 66. |
| 8.2 | 49.1 | 4370.5 | 600.0 | -2.9 | -10.1 | 225.0 | 12.9 | 9.1 | 9.1 | 312.8 | 321.8 | 3.0 | 57.5 | 2.9 | 62. |
| 9.7 | 51.1 | 4726.4 | 575.0 | -5.7 | -12.7 | 223.1 | 13.7 | 9.3 | 10.0 | 313.3 | 323.0 | 3.2 | 73.5 | 4.0 | 54. |
| 11.7 | 54.1 | 5073.6 | 550.0 | -8.3 | -15.1 | 220.7 | 12.1 | 7.9 | 9.1 | 314.2 | 324.1 | 3.2 | 86.7 | 5.0 | 53. |
| 12.3 | 57.3 | 5439.1 | 525.0 | -10.2 | -13.8 | 221.4 | 11.4 | 7.5 | 8.6 | 316.2 | 325.1 | 2.5 | 75.0 | 5.9 | 51. |
| 13.4 | 60.4 | 5999.6 | 500.0 | -12.9 | -16.2 | 230.1 | 11.4 | 8.8 | 7.3 | 317.5 | 323.3 | 1.8 | 63.4 | 6.7 | 50. |
| 14.5 | 63.6 | 6198.6 | 475.0 | -15.0 | -18.3 | 236.6 | 11.2 | 9.4 | 6.2 | 319.4 | 325.5 | 1.9 | 75.5 | 7.5 | 51. |
| 16.2 | 67.0 | 6606.1 | 450.0 | -17.3 | -19.7 | 243.7 | 11.6 | 10.4 | 5.2 | 321.5 | 327.3 | 1.8 | 81.2 | 8.6 | 52. |
| 17.9 | 70.4 | 7033.1 | 425.0 | -19.9 | -23.8 | 247.0 | 10.9 | 10.0 | 4.3 | 323.5 | 327.9 | 1.3 | 71.0 | 9.7 | 54. |
| 20.7 | 74.9 | 7480.1 | 400.0 | -23.1 | -28.1 | 236.9 | 11.7 | 9.8 | 6.4 | 325.0 | 327.3 | 0.6 | 43.0 | 11.0 | 55. |
| 21.4 | 77.7 | 7959.8 | 375.0 | -26.6 | -32.4 | 239.0 | 12.0 | 10.3 | 6.2 | 326.4 | 328.2 | 0.5 | 42.6 | 12.4 | 55. |
| 23.7 | 81.7 | 8433.7 | 350.0 | -30.8 | -36.4 | 242.9 | 12.1 | 10.8 | 5.5 | 327.2 | 328.5 | 0.3 | 42.2 | 13.6 | 55. |
| 25.7 | 85.7 | 9066.8 | 325.0 | -34.3 | -40.1 | 242.0 | 15.2 | 13.4 | 7.1 | 329.4 | 330.1 | 0.2 | 28.8 | 15.4 | 56. |
| 27.4 | 89.8 | 9520.8 | 300.0 | -38.4 | -45.8 | 242.0 | 15.2 | 13.4 | 7.4 | 329.9 | 330.4 | 0.1 | 35.6 | 17.3 | 57. |
| 29.4 | 94.2 | 10199.2 | 275.0 | -44.7 | -50.9 | 237.7 | 15.5 | 13.1 | 8.3 | 330.5 | 330.9 | 99.9 | 999.9 | 19.1 | 57. |
| 32.2 | 99.0 | 13740.0 | 250.0 | -48.9 | -54.9 | 237.2 | 22.5 | 18.9 | 12.2 | 333.5 | 333.5 | 99.9 | 999.9 | 21.6 | 57. |
| 36.5 | 104.0 | 11424.8 | 225.0 | -53.6 | -58.6 | 240.1 | 22.6 | 19.6 | 11.1 | 336.3 | 336.3 | 99.9 | 999.9 | 25.2 | 57. |
| 37.3 | 109.4 | 12172.8 | 200.0 | -58.6 | -63.6 | 239.3 | 23.4 | 20.1 | 11.9 | 340.0 | 339.9 | 99.9 | 999.9 | 29.4 | 58. |
| 40.5 | 115.3 | 13015.6 | 175.0 | -57.3 | -62.3 | 241.6 | 24.5 | 21.5 | 11.6 | 355.3 | 355.3 | 99.9 | 999.9 | 33.6 | 58. |
| 43.9 | 121.8 | 13989.5 | 150.0 | -57.8 | -62.8 | 245.6 | 25.8 | 23.5 | 10.7 | 370.4 | 370.4 | 99.9 | 999.9 | 38.1 | 59. |
| 47.7 | 128.5 | 15134.2 | 125.0 | -60.3 | -65.3 | 252.5 | 26.9 | 25.6 | 8.1 | 385.8 | 385.8 | 99.9 | 999.9 | 44.4 | 60. |
| 52.5 | 136.7 | 16513.5 | 100.0 | -63.7 | -69.7 | 249.9 | 99.9 | 99.9 | 99.9 | 404.6 | 404.6 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 14
MARFA, TEXAS

19 APRIL 1979
2006 GMT

| TIME 41W | CMTCT | HEIGHT GDM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MR RTO CM/KG | RH PCT | RANGE KV | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 00.2 | 20.9 | 1473.0 | 851.0 | 25.5 | -0.5 | 180.0 | 2.1 | 0.0 | 2.1 | 312.8 | 325.7 | 4.3 | 18.0 | 0.0 | 0. |
| 00.3 | 00.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.9 | 00.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.9 | 00.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.9 | 00.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.9 | 00.9 | 99.9 | 903.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.9 | 00.9 | 99.9 | 875.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.9 | 00.9 | 99.9 | 850.0 | 23.4 | 2.7 | 251.7 | 3.5 | 3.3 | 1.1 | 310.7 | 326.6 | 5.5 | 25.7 | 0.1 | 57. |
| 0.1 | 21.9 | 1493.3 | 850.0 | 23.4 | 2.7 | 251.7 | 3.5 | 3.3 | 1.1 | 310.7 | 326.6 | 5.5 | 25.7 | 0.1 | 57. |
| 0.7 | 23.4 | 1742.5 | 825.0 | 18.2 | 2.0 | 251.2 | 3.5 | 3.3 | 1.1 | 311.1 | 326.7 | 5.4 | 27.9 | 0.1 | 61. |
| 1.5 | 26.0 | 2007.5 | 830.0 | 14.6 | 1.4 | 246.4 | 3.3 | 3.0 | 1.3 | 311.0 | 323.5 | 5.3 | 31.7 | 0.3 | 66. |
| 2.6 | 28.6 | 2278.5 | 775.0 | 15.8 | 1.2 | 236.1 | 3.7 | 3.1 | 2.1 | 310.8 | 326.6 | 5.4 | 37.0 | 0.5 | 43. |
| 4.1 | 31.2 | 2455.5 | 750.0 | 11.0 | 0.6 | 229.0 | 3.8 | 2.9 | 2.5 | 310.7 | 326.2 | 5.3 | 42.6 | 0.9 | 59. |
| 5.7 | 33.9 | 2439.4 | 725.0 | 10.5 | 0.4 | 219.3 | 3.5 | 2.2 | 2.7 | 311.0 | 326.8 | 5.4 | 49.5 | 1.1 | 56. |
| 6.3 | 36.6 | 3132.7 | 700.0 | 7.8 | -0.5 | 208.6 | 3.2 | 1.5 | 2.8 | 311.1 | 326.6 | 5.3 | 55.7 | 1.3 | 53. |
| 7.2 | 39.3 | 3129.3 | 675.0 | 4.8 | -1.4 | 192.6 | 3.9 | 0.8 | 3.8 | 311.0 | 326.0 | 5.1 | 64.2 | 1.5 | 49. |
| 8.3 | 42.1 | 3735.9 | 650.0 | 1.7 | -1.6 | 198.5 | 5.0 | 1.6 | 4.8 | 310.9 | 326.2 | 5.2 | 78.2 | 1.8 | 44. |
| 9.1 | 45.0 | 4051.3 | 625.0 | -0.6 | -1.0 | 214.4 | 6.4 | 3.6 | 5.3 | 311.8 | 326.7 | 4.9 | 81.5 | 2.0 | 41. |
| 10.1 | 47.9 | 4376.9 | 600.0 | -2.9 | -5.1 | 226.9 | 8.3 | 6.0 | 5.6 | 312.8 | 325.8 | 4.4 | 86.2 | 2.5 | 41. |
| 11.4 | 52.9 | 4711.0 | 575.0 | -5.6 | -6.4 | 229.7 | 8.5 | 6.5 | 5.5 | 313.5 | 325.8 | 4.1 | 96.2 | 3.1 | 43. |
| 12.6 | 53.9 | 5060.8 | 550.0 | -7.5 | -7.7 | 228.5 | 8.8 | 6.6 | 5.9 | 315.1 | 326.9 | 3.9 | 98.6 | 3.7 | 44. |
| 13.9 | 57.0 | 5422.0 | 525.0 | -10.0 | -10.3 | 221.2 | 10.2 | 9.0 | 4.9 | 316.5 | 326.7 | 3.3 | 97.6 | 4.4 | 45. |
| 15.2 | 63.1 | 5796.2 | 500.0 | -12.7 | -23.5 | 252.3 | 10.8 | 10.3 | 3.3 | 317.6 | 322.5 | 1.5 | 51.7 | 5.3 | 49. |
| 16.4 | 63.4 | 6186.0 | 475.0 | -15.2 | -21.2 | 259.2 | 9.3 | 9.1 | 1.8 | 319.2 | 324.0 | 1.5 | 59.8 | 5.9 | 52. |
| 17.6 | 66.9 | 6592.3 | 450.0 | -19.1 | -22.5 | 256.9 | 8.9 | 8.7 | 2.0 | 320.5 | 325.1 | 1.4 | 68.3 | 6.5 | 55. |
| 19.2 | 73.3 | 7317.9 | 425.0 | -20.5 | -25.0 | 249.6 | 10.6 | 9.9 | 3.7 | 323.7 | 326.6 | 1.2 | 67.1 | 7.2 | 57. |
| 20.5 | 73.9 | 7463.9 | 400.0 | -23.9 | -30.3 | 241.7 | 12.1 | 10.7 | 5.8 | 323.9 | 326.6 | 0.8 | 55.6 | 8.2 | 58. |
| 22.4 | 77.6 | 7931.5 | 375.0 | -27.8 | -35.3 | 232.8 | 15.4 | 12.2 | 9.3 | 324.9 | 326.6 | 0.5 | 49.2 | 9.4 | 58. |
| 24.0 | 81.3 | 8423.8 | 350.0 | -31.0 | -55.3 | 231.3 | 15.1 | 11.8 | 9.4 | 324.9 | 327.2 | 0.1 | 7.2 | 11.3 | 57. |
| 25.5 | 85.3 | 9046.4 | 325.0 | -35.4 | -54.0 | 235.2 | 15.8 | 13.0 | 9.0 | 327.9 | 326.2 | 0.1 | 12.8 | 12.8 | 56. |
| 27.4 | 89.7 | 9446.4 | 300.0 | -40.6 | 99.9 | 235.2 | 15.8 | 13.0 | 9.0 | 328.2 | 999.9 | 99.9 | 99.9 | 14.4 | 56. |
| 29.2 | 94.0 | 10382.5 | 275.0 | -45.9 | 99.9 | 237.6 | 18.5 | 15.6 | 9.9 | 328.8 | 999.9 | 99.9 | 99.9 | 16.2 | 56. |
| 31.2 | 98.7 | 10713.1 | 250.0 | -48.9 | 99.9 | 239.8 | 24.6 | 21.1 | 12.7 | 333.3 | 999.9 | 99.9 | 99.9 | 18.8 | 57. |
| 33.3 | 103.6 | 11396.5 | 225.0 | -54.3 | 99.9 | 235.8 | 22.8 | 18.8 | 12.8 | 335.3 | 999.9 | 99.9 | 99.9 | 22.1 | 57. |
| 35.7 | 109.0 | 12142.6 | 200.0 | -58.2 | 99.9 | 230.5 | 22.3 | 17.2 | 14.2 | 340.6 | 999.9 | 99.9 | 99.9 | 25.0 | 56. |
| 38.5 | 114.8 | 12992.7 | 175.0 | -58.5 | 99.9 | 241.5 | 23.1 | 20.3 | 11.0 | 353.4 | 999.9 | 99.9 | 99.9 | 28.9 | 56. |
| 41.9 | 121.3 | 13753.9 | 150.0 | -77.4 | 99.9 | 245.9 | 27.9 | 25.5 | 11.4 | 371.2 | 999.9 | 99.9 | 99.9 | 31.8 | 58. |
| 46.2 | 129.3 | 15100.3 | 125.0 | -60.5 | 99.9 | 251.5 | 28.0 | 26.6 | 8.9 | 385.5 | 999.9 | 99.9 | 99.9 | 41.7 | 59. |
| 50.8 | 136.0 | 16479.1 | 100.0 | -64.8 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 402.6 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 50.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 14
MARFA, TEXAS

19 APRIL 1979
2305 GMT

| TIME MIN | CNTCT | WEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT I DG K | E POT T DG K | MX RTO GM/KG | RM PCY | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.3 | 20.3 | 1473.0 | 449.6 | 27.3 | -0.7 | 170.0 | 2.1 | -0.4 | 2.1 | 314.8 | 327.7 | 4.3 | 16.0 | 106 | 98.0 |
| 99.3 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.3 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.3 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.3 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.3 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.3 | 99.9 | 99.9 | 875.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.3 | 99.9 | 99.9 | 850.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.3 | 22.3 | 1710.2 | 825.0 | 23.0 | 1.5 | 223.2 | 3.4 | 2.4 | 2.5 | 312.9 | 328.2 | 5.2 | 24.3 | 0.2 | 40.0 |
| 1.7 | 24.6 | 1906.8 | 800.0 | 20.4 | 0.5 | 221.4 | 3.1 | 2.0 | 2.3 | 312.9 | 327.6 | 5.0 | 25.4 | 0.3 | 41.0 |
| 1.7 | 27.3 | 2259.5 | 775.0 | 19.0 | 0.3 | 221.2 | 3.0 | 2.0 | 2.3 | 313.2 | 328.1 | 5.0 | 30.1 | 0.4 | 41.0 |
| 2.3 | 29.5 | 2569.6 | 750.0 | 18.0 | -0.1 | 213.6 | 3.2 | 1.7 | 2.6 | 312.7 | 327.7 | 5.1 | 35.0 | 0.5 | 41.0 |
| 3.1 | 31.9 | 2833.7 | 725.0 | 12.0 | -0.5 | 213.2 | 2.9 | 1.6 | 2.4 | 312.6 | 327.7 | 5.1 | 42.2 | 0.6 | 37.0 |
| 3.4 | 34.4 | 3126.1 | 700.0 | 9.3 | -0.9 | 221.1 | 3.5 | 2.3 | 2.6 | 312.8 | 327.9 | 5.1 | 49.9 | 0.7 | 38.0 |
| 4.4 | 36.9 | 3426.0 | 675.0 | 6.2 | -1.9 | 220.7 | 3.3 | 2.1 | 2.5 | 312.6 | 327.1 | 4.9 | 56.2 | 0.9 | 39.0 |
| 5.5 | 39.5 | 3734.0 | 650.0 | 3.0 | -2.5 | 211.7 | 3.5 | 1.8 | 3.0 | 312.4 | 326.8 | 4.9 | 66.9 | 1.1 | 38.0 |
| 6.5 | 42.1 | 4050.7 | 625.0 | 0.3 | -3.0 | 211.3 | 3.5 | 1.6 | 3.4 | 312.8 | 327.4 | 4.1 | 79.4 | 1.3 | 37.0 |
| 7.3 | 44.9 | 4376.3 | 600.0 | -2.9 | -3.8 | 216.3 | 5.7 | 3.4 | 5.0 | 314.0 | 324.5 | 3.5 | 80.2 | 1.9 | 39.0 |
| 8.3 | 47.6 | 4712.7 | 575.0 | -5.1 | -4.7 | 216.6 | 8.1 | 6.3 | 6.6 | 312.8 | 325.2 | 5.0 | 79.4 | 1.3 | 37.0 |
| 10.7 | 50.3 | 5361.0 | 550.0 | -7.3 | -8.7 | 247.3 | 10.1 | 9.3 | 3.9 | 315.5 | 324.3 | 2.9 | 70.9 | 3.1 | 50.0 |
| 12.3 | 56.1 | 5739.6 | 525.0 | -9.1 | -11.6 | 257.2 | 11.4 | 11.1 | 2.5 | 318.7 | 321.5 | 0.8 | 23.7 | 3.9 | 58.0 |
| 13.3 | 59.1 | 6170.9 | 500.0 | -11.1 | -26.7 | 266.0 | 12.6 | 12.5 | 0.9 | 319.6 | 323.1 | 0.7 | 21.6 | 4.7 | 63.0 |
| 15.1 | 62.3 | 6597.9 | 475.0 | -14.6 | -26.7 | 262.4 | 10.5 | 10.4 | 1.4 | 320.5 | 322.5 | 0.6 | 35.7 | 5.4 | 66.0 |
| 16.5 | 65.4 | 7052.0 | 450.0 | -19.1 | -31.9 | 260.4 | 11.7 | 11.5 | 2.0 | 321.2 | 322.9 | 0.5 | 32.6 | 6.2 | 68.0 |
| 18.3 | 69.6 | 7465.7 | 400.0 | -24.9 | -33.8 | 258.6 | 12.7 | 12.4 | 2.5 | 322.7 | 325.4 | 0.8 | 32.6 | 7.3 | 70.0 |
| 19.3 | 72.1 | 7731.1 | 375.0 | -29.7 | -39.3 | 245.7 | 12.4 | 11.3 | 5.1 | 322.7 | 325.4 | 0.8 | 63.8 | 8.3 | 71.0 |
| 21.1 | 75.6 | 8271.9 | 350.0 | -31.3 | -49.3 | 243.6 | 18.4 | 16.5 | 8.2 | 322.8 | 324.9 | 0.6 | 67.8 | 9.5 | 69.0 |
| 23.7 | 79.2 | 8741.8 | 325.0 | -36.9 | -51.1 | 238.4 | 17.1 | 14.6 | 9.0 | 326.5 | 327.0 | 0.1 | 15.0 | 11.2 | 69.0 |
| 25.1 | 83.0 | 9492.0 | 300.0 | -40.9 | -59.9 | 236.4 | 15.7 | 12.8 | 9.1 | 327.8 | 327.6 | 0.1 | 19.3 | 13.3 | 67.0 |
| 27.3 | 87.0 | 10770.0 | 275.0 | -44.9 | -69.9 | 243.5 | 19.4 | 17.3 | 6.6 | 330.1 | 327.8 | 99.9 | 99.9 | 15.3 | 66.0 |
| 29.3 | 91.2 | 13710.6 | 250.0 | -49.2 | -79.9 | 242.1 | 20.8 | 18.4 | 9.7 | 332.9 | 327.8 | 99.9 | 99.9 | 17.1 | 65.0 |
| 31.5 | 95.8 | 11192.8 | 225.0 | -54.7 | -89.9 | 238.9 | 21.7 | 18.6 | 11.2 | 334.7 | 327.8 | 99.9 | 99.9 | 19.6 | 65.0 |
| 34.2 | 100.4 | 12141.4 | 200.0 | -56.2 | -94.9 | 241.0 | 21.3 | 18.6 | 10.3 | 336.7 | 327.8 | 99.9 | 99.9 | 22.7 | 64.0 |
| 37.4 | 105.5 | 12988.8 | 175.0 | -58.2 | -99.9 | 239.2 | 19.4 | 16.7 | 10.0 | 337.2 | 327.8 | 99.9 | 99.9 | 26.3 | 64.0 |
| 40.5 | 111.0 | 13688.5 | 150.0 | -57.4 | -99.9 | 246.5 | 24.2 | 22.2 | 9.7 | 351.2 | 327.8 | 99.9 | 99.9 | 30.0 | 63.0 |
| 44.1 | 117.3 | 15109.4 | 125.0 | -61.4 | -99.9 | 252.2 | 25.1 | 23.9 | 7.7 | 371.2 | 327.8 | 99.9 | 99.9 | 34.1 | 63.0 |
| 48.3 | 124.3 | 16473.7 | 100.0 | -64.4 | -99.9 | 259.9 | 99.9 | 99.9 | 99.9 | 403.6 | 327.8 | 99.9 | 99.9 | 39.6 | 64.0 |
| 50.3 | 99.9 | 99.9 | 75.0 | -64.4 | -99.9 | 259.9 | 99.9 | 99.9 | 99.9 | 403.6 | 327.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| 50.3 | 99.9 | 99.9 | 50.0 | -64.4 | -99.9 | 259.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | -64.4 | -99.9 | 259.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 BY FEW MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 14
MARFA, TEXAS

20 APRIL 1979
205 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PNES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | J COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO CM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0-0 | 20-9 | 1473.0 | 850.0 | 17.0 | 3.0 | 340.0 | 2.1 | 0.7 | -2.0 | 304.0 | 319.8 | 5.6 | 39.0 | 0.0 | 0 |
| 00.0 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.0 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.0 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.0 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.0 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.0 | 99.9 | 99.9 | 875.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.0 | 99.9 | 99.9 | 850.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 1-0 | 23.4 | 172.2 | 825.0 | 22.0 | 2.3 | 291.8 | 3.7 | 3.4 | -1.4 | 311.8 | 327.9 | 5.5 | 27.3 | 0.2 | 121 |
| 2-0 | 25.9 | 1998.0 | 800.0 | 19.7 | 0.9 | 278.5 | 2.3 | 2.3 | -0.3 | 312.1 | 327.2 | 5.1 | 28.4 | 0.4 | 115 |
| 2-0 | 28.4 | 2270.0 | 775.0 | 16.9 | -0.1 | 238.7 | 2.5 | 2.1 | 1.3 | 312.0 | 326.5 | 4.9 | 31.5 | 0.5 | 108 |
| 3-0 | 31.0 | 2549.2 | 750.0 | 14.4 | -0.8 | 222.9 | 3.3 | 2.2 | 1.3 | 312.3 | 326.5 | 4.8 | 30.9 | 0.6 | 92 |
| 5-0 | 34.7 | 2733.3 | 725.0 | 11.4 | -1.5 | 207.2 | 4.0 | 1.8 | 3.5 | 312.2 | 326.2 | 4.7 | 49.8 | 0.8 | 77 |
| 6-0 | 36.3 | 3125.5 | 700.0 | 9.1 | -1.7 | 205.7 | 3.6 | 1.6 | 3.2 | 312.4 | 326.3 | 4.7 | 48.7 | 0.9 | 64 |
| 7-0 | 39.0 | 3425.4 | 675.0 | 6.0 | -2.5 | 223.8 | 4.5 | 3.1 | 3.2 | 312.4 | 326.3 | 4.7 | 54.3 | 1.1 | 54 |
| 8-0 | 41.4 | 3733.4 | 650.0 | 2.8 | -3.7 | 232.8 | 6.5 | 5.2 | 3.9 | 312.1 | 325.4 | 4.5 | 62.3 | 1.5 | 54 |
| 9-0 | 44.4 | 4040.7 | 625.0 | 0.0 | -4.5 | 241.0 | 7.9 | 6.9 | 3.8 | 312.5 | 325.4 | 4.4 | 71.5 | 2.1 | 57 |
| 10-0 | 47.4 | 4375.4 | 600.0 | -2.8 | -8.3 | 249.8 | 10.0 | 9.4 | 3.5 | 312.9 | 323.2 | 3.4 | 65.8 | 2.7 | 59 |
| 11-0 | 50.4 | 4711.2 | 575.0 | -5.7 | -10.6 | 260.0 | 12.0 | 11.8 | 1.9 | 313.4 | 322.4 | 3.0 | 60.0 | 3.5 | 62 |
| 13-0 | 53.4 | 5059.4 | 550.0 | -6.5 | -28.1 | 268.7 | 12.1 | 12.1 | 0.3 | 313.4 | 318.8 | 0.7 | 17.3 | 4.4 | 67 |
| 14-0 | 56.4 | 5422.1 | 525.0 | -8.1 | -34.6 | 265.6 | 11.4 | 11.4 | 0.9 | 316.7 | 320.0 | 0.4 | 9.7 | 5.2 | 71 |
| 15-0 | 59.6 | 5798.5 | 500.0 | -11.5 | -35.9 | 257.0 | 10.8 | 10.5 | 2.4 | 319.1 | 320.3 | 0.4 | 11.1 | 5.9 | 72 |
| 17-0 | 62.0 | 6189.0 | 475.0 | -14.4 | -37.5 | 249.7 | 11.8 | 11.0 | 4.1 | 320.1 | 321.2 | 0.3 | 12.0 | 6.8 | 72 |
| 18-0 | 64.1 | 6596.2 | 450.0 | -18.0 | -28.8 | 243.6 | 12.5 | 11.2 | 5.6 | 320.7 | 323.7 | 0.8 | 37.8 | 7.3 | 72 |
| 19-0 | 64.5 | 7220.5 | 425.0 | -21.9 | -29.1 | 235.1 | 12.1 | 9.9 | 6.9 | 321.0 | 323.7 | 0.8 | 51.5 | 9.0 | 70 |
| 21-0 | 73.0 | 7463.8 | 400.0 | -26.0 | -32.4 | 243.3 | 13.1 | 11.7 | 5.9 | 321.2 | 323.4 | 0.6 | 59.6 | 10.2 | 68 |
| 23-0 | 76.6 | 7928.7 | 375.0 | -28.3 | -46.6 | 252.2 | 15.9 | 15.2 | 4.9 | 324.2 | 326.7 | 0.1 | 15.2 | 11.7 | 68 |
| 24-0 | 80.3 | 8419.3 | 350.0 | -32.4 | -49.7 | 248.0 | 16.0 | 14.8 | 6.0 | 325.1 | 325.5 | 0.1 | 15.8 | 13.2 | 69 |
| 26-0 | 84.3 | 8937.4 | 325.0 | -36.2 | -52.2 | 243.8 | 17.2 | 15.5 | 7.6 | 326.9 | 327.2 | 0.1 | 17.1 | 14.8 | 68 |
| 28-0 | 89.3 | 9498.0 | 300.0 | -40.7 | -59.9 | 244.1 | 16.4 | 14.8 | 7.2 | 328.0 | 99.9 | 99.9 | 99.9 | 16.7 | 68 |
| 30-0 | 92.7 | 10074.5 | 275.0 | -45.2 | 99.9 | 250.2 | 18.1 | 17.1 | 6.1 | 329.7 | 99.9 | 99.9 | 99.9 | 18.9 | 68 |
| 33-0 | 97.2 | 10705.6 | 250.0 | -49.5 | 99.9 | 248.7 | 17.0 | 15.8 | 6.2 | 332.5 | 99.9 | 99.9 | 99.9 | 21.5 | 68 |
| 35-0 | 102.9 | 11388.1 | 225.0 | -53.8 | 99.9 | 225.0 | 11.9 | 8.6 | 8.3 | 342.4 | 99.9 | 99.9 | 99.9 | 23.7 | 68 |
| 37-0 | 107.2 | 12138.9 | 200.0 | -57.0 | 99.9 | 225.0 | 16.1 | 11.4 | 11.4 | 342.4 | 99.9 | 99.9 | 99.9 | 25.3 | 67 |
| 40-0 | 112.8 | 12978.5 | 175.0 | -60.2 | 99.9 | 225.0 | 24.9 | 22.6 | 10.4 | 99.9 | 99.9 | 99.9 | 99.9 | 27.1 | 65 |
| 43-0 | 118.9 | 13442.7 | 150.0 | -59.0 | 99.9 | 245.4 | 28.9 | 27.7 | 8.4 | 99.9 | 99.9 | 99.9 | 99.9 | 30.7 | 65 |
| 47-0 | 125.7 | 15075.5 | 125.0 | -62.2 | 99.9 | 253.2 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 51-0 | 133.3 | 16452.4 | 100.0 | -62.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 54-0 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 59-0 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 60-0 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 14
MARFA, TEXAS20 APRIL 1979
500 GMT

| TIME MIN | CITY | WEIGHT GPM | PRES MM | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DEG K | E POT T DEG K | MI RTO CM/KG | RM PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|-----------------|-----------|-------------|-----------|
| 0.3 | 21.2 | 1473.0 | 850.7 | 13.5 | 2.4 | 170.0 | 1.0 | -0.2 | 1.0 | 300.2 | 315.2 | 5.4 | 47.0 | 0.0 | 0. |
| 00.7 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.7 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.7 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.7 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.7 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.7 | 99.9 | 99.9 | 875.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.7 | 99.9 | 99.9 | 850.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.3 | 21.3 | 1450.0 | 850.0 | 13.9 | 2.8 | 165.6 | 1.3 | -0.3 | 1.2 | 300.7 | 316.2 | 5.5 | 47.1 | 0.0 | 158. |
| 0.3 | 23.0 | 1713.5 | 875.0 | 18.6 | 6.5 | 107.3 | 4.6 | -0.4 | 1.4 | 308.2 | 329.2 | 7.4 | 45.2 | 0.2 | 307. |
| 1.9 | 26.3 | 1995.5 | 600.0 | 17.9 | 3.8 | 70.8 | 4.2 | -3.9 | -1.4 | 310.3 | 328.5 | 6.3 | 37.1 | 0.4 | 285. |
| 2.7 | 29.9 | 2270.1 | 7.5.0 | 16.9 | 2.1 | 18.1 | 3.7 | -1.1 | -3.5 | 311.0 | 327.7 | 5.8 | 39.1 | 0.6 | 267. |
| 3.2 | 31.4 | 2542.7 | 750.0 | 13.9 | 0.7 | 309.6 | 4.4 | 3.6 | -2.8 | 311.6 | 327.4 | 5.4 | 40.7 | 0.5 | 242. |
| 4.3 | 34.1 | 2818.5 | 725.0 | 11.3 | -0.2 | 268.7 | 5.0 | 5.0 | 0.1 | 311.9 | 327.2 | 5.2 | 46.9 | 0.4 | 216. |
| 5.7 | 36.9 | 3125.9 | 700.0 | 9.6 | -2.3 | 252.3 | 7.7 | 7.4 | 2.4 | 313.1 | 326.8 | 4.6 | 43.0 | 0.3 | 159. |
| 6.9 | 39.6 | 3425.5 | 675.0 | 6.7 | -3.4 | 241.2 | 9.9 | 8.6 | 4.8 | 313.2 | 325.5 | 4.1 | 46.8 | 0.7 | 90. |
| 7.3 | 42.3 | 3734.1 | 650.0 | 4.0 | -4.4 | 234.4 | 10.0 | 8.2 | 5.8 | 313.5 | 325.3 | 3.9 | 50.3 | 1.2 | 74. |
| 9.1 | 45.7 | 4051.5 | 625.0 | 0.9 | -5.3 | 228.6 | 10.2 | 7.6 | 6.7 | 313.5 | 324.9 | 3.8 | 55.4 | 1.9 | 65. |
| 10.2 | 48.1 | 4377.6 | 600.0 | -2.6 | -7.5 | 233.7 | 11.6 | 9.3 | 6.9 | 312.1 | 324.0 | 3.6 | 68.9 | 2.7 | 61. |
| 11.3 | 51.1 | 4713.9 | 575.0 | -4.9 | -10.6 | 249.4 | 12.8 | 11.9 | 4.7 | 314.2 | 323.3 | 3.0 | 64.3 | 3.5 | 61. |
| 12.5 | 54.1 | 5051.6 | 550.0 | -7.2 | -26.6 | 260.6 | 12.9 | 12.7 | 2.1 | 315.6 | 318.2 | 0.8 | 14.3 | 4.4 | 63. |
| 13.9 | 57.3 | 5420.0 | 525.0 | -8.3 | -30.1 | 266.8 | 11.7 | 11.7 | 0.7 | 318.5 | 320.5 | 0.6 | 15.2 | 5.3 | 68. |
| 15.1 | 60.4 | 5930.6 | 500.0 | -11.6 | -24.3 | 266.8 | 11.5 | 11.5 | 0.6 | 318.9 | 322.5 | 1.1 | 33.8 | 6.1 | 70. |
| 16.4 | 63.7 | 6191.1 | 475.0 | -15.0 | -25.1 | 265.4 | 11.9 | 11.9 | 1.0 | 319.4 | 322.9 | 1.0 | 41.8 | 7.0 | 72. |
| 17.7 | 67.0 | 6592.1 | 450.0 | -19.6 | -26.8 | 260.8 | 11.9 | 11.7 | 1.9 | 319.9 | 323.0 | 0.9 | 49.4 | 7.9 | 74. |
| 19.2 | 70.4 | 7020.7 | 425.0 | -22.1 | -29.0 | 244.4 | 11.1 | 10.0 | 4.8 | 320.7 | 323.4 | 0.8 | 53.3 | 8.9 | 74. |
| 20.9 | 74.0 | 7463.6 | 400.0 | -25.3 | -30.4 | 239.2 | 12.8 | 11.0 | 6.6 | 322.1 | 323.3 | 0.3 | 27.9 | 13.0 | 72. |
| 22.3 | 77.7 | 7930.5 | 375.0 | -28.1 | -45.4 | 241.3 | 13.9 | 12.2 | 6.7 | 324.4 | 325.0 | 0.2 | 17.2 | 11.2 | 71. |
| 23.4 | 81.5 | 8420.9 | 350.0 | -32.8 | -48.7 | 241.3 | 13.9 | 12.2 | 6.7 | 324.6 | 325.2 | 0.2 | 23.1 | 12.5 | 70. |
| 25.4 | 85.5 | 8930.6 | 325.0 | -36.4 | -51.3 | 243.4 | 13.0 | 11.6 | 5.8 | 326.5 | 326.9 | 0.1 | 19.7 | 14.0 | 69. |
| 27.3 | 89.7 | 9490.1 | 300.0 | -41.2 | -59.9 | 243.0 | 13.3 | 11.8 | 6.0 | 327.4 | 327.9 | 99.9 | 99.9 | 15.6 | 68. |
| 30.2 | 94.0 | 10073.9 | 275.0 | -44.9 | -62.9 | 246.2 | 14.6 | 13.4 | 5.9 | 330.3 | 329.9 | 99.9 | 99.9 | 17.6 | 68. |
| 32.9 | 99.7 | 10704.7 | 250.0 | -49.6 | -62.9 | 246.2 | 14.9 | 13.4 | 6.5 | 332.3 | 329.9 | 99.9 | 99.9 | 19.9 | 68. |
| 35.2 | 103.6 | 11393.1 | 225.0 | -55.4 | -62.9 | 241.3 | 15.3 | 13.4 | 7.3 | 333.6 | 329.9 | 99.9 | 99.9 | 22.0 | 67. |
| 37.7 | 109.8 | 12130.8 | 200.0 | -58.0 | -62.9 | 232.8 | 17.4 | 13.8 | 10.5 | 331.0 | 329.9 | 99.9 | 99.9 | 24.4 | 64. |
| 40.9 | 114.8 | 12973.4 | 175.0 | -57.7 | -62.9 | 237.4 | 21.7 | 18.3 | 11.7 | 334.6 | 329.9 | 99.9 | 99.9 | 29.0 | 64. |
| 44.3 | 121.0 | 13946.4 | 150.0 | -58.5 | -62.9 | 249.7 | 24.9 | 23.3 | 8.7 | 333.3 | 329.9 | 99.9 | 99.9 | 32.9 | 64. |
| 48.5 | 128.5 | 15098.9 | 125.0 | -61.7 | -62.9 | 254.3 | 24.5 | 23.6 | 6.6 | 333.2 | 329.9 | 99.9 | 99.9 | 39.0 | 64. |
| 53.1 | 136.0 | 16458.6 | 100.0 | -64.0 | -62.9 | 254.3 | 24.5 | 23.6 | 99.9 | 400.1 | 329.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 59.3 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 14
MARFA, TEXAS

20 APRIL 1979
805 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | OIA DEG | SPEED M/SEC | J COMP M/SEC | V COMP M/SEC | POT T DEG K | E POT T DEG K | MX RTG GM/KG | RM PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|-----------------|-----------|-------------|-----------|
| 0.3 | 21.0 | 1473.0 | 850.7 | 1.5 | 3.3 | 340.0 | 2.1 | 0.7 | -2.0 | 297.1 | 312.8 | 5.7 | 61.0 | 0.0 | 0.0 |
| 00.9 | 99.9 | 1000.0 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.9 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.9 | 99.9 | 99.9 | 875.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 21.1 | 1480.0 | 850.0 | 11.0 | 3.4 | 316.7 | 2.4 | 1.7 | -1.8 | 297.7 | 313.6 | 5.8 | 59.7 | 0.0 | 349.0 |
| 0.7 | 23.6 | 1738.7 | 825.0 | 18.9 | 3.4 | 28.3 | 6.0 | -2.6 | -3.3 | 318.6 | 325.7 | 6.0 | 35.9 | 0.3 | 202.0 |
| 2.3 | 28.7 | 1908.0 | 800.0 | 16.9 | 5.0 | 49.6 | 5.0 | -3.8 | -3.2 | 309.1 | 328.8 | 6.9 | 45.4 | 0.6 | 208.0 |
| 3.7 | 31.2 | 2267.9 | 775.0 | 14.9 | 3.3 | 62.4 | 4.5 | -4.0 | -2.1 | 309.9 | 327.9 | 6.3 | 45.5 | 0.8 | 219.0 |
| 4.7 | 33.9 | 2544.6 | 750.0 | 12.7 | 1.2 | 55.1 | 3.9 | -3.2 | -2.2 | 310.4 | 326.6 | 5.6 | 45.6 | 1.1 | 224.0 |
| 5.7 | 36.6 | 2828.4 | 725.0 | 10.6 | -0.1 | 28.5 | 1.9 | -0.9 | -1.7 | 311.1 | 326.5 | 5.3 | 47.6 | 1.2 | 224.0 |
| 6.7 | 39.3 | 3119.6 | 700.0 | 8.1 | -1.2 | 313.2 | 1.6 | 1.1 | -1.1 | 311.5 | 325.1 | 5.0 | 51.8 | 1.3 | 224.0 |
| 7.4 | 42.1 | 3418.9 | 675.0 | 5.7 | -3.4 | 246.7 | 4.9 | 4.5 | 2.0 | 312.0 | 325.1 | 4.4 | 51.9 | 1.1 | 217.0 |
| 8.9 | 44.9 | 3726.6 | 650.0 | 3.3 | -6.5 | 99.9 | 99.9 | 99.9 | 99.9 | 312.7 | 325.1 | 4.2 | 55.5 | 0.8 | 202.0 |
| 10.1 | 47.9 | 4034.1 | 625.0 | 0.3 | -7.5 | 99.9 | 99.9 | 99.9 | 99.9 | 312.8 | 324.1 | 3.8 | 63.0 | 99.9 | 99.9 |
| 11.4 | 50.5 | 4305.0 | 600.0 | -2.7 | -11.0 | 99.9 | 99.9 | 99.9 | 99.9 | 313.0 | 323.9 | 3.6 | 69.4 | 99.9 | 99.9 |
| 12.7 | 53.8 | 5052.8 | 575.0 | -5.4 | -13.8 | 238.3 | 11.6 | 10.1 | 5.7 | 313.6 | 322.5 | 2.9 | 65.1 | 1.6 | 70.0 |
| 14.3 | 56.9 | 5413.1 | 550.0 | -7.6 | -18.4 | 250.9 | 11.5 | 9.8 | 6.1 | 315.1 | 322.6 | 2.4 | 61.0 | 2.5 | 65.0 |
| 15.4 | 60.0 | 5737.8 | 525.0 | -9.9 | -23.7 | 266.5 | 9.1 | 8.6 | 3.0 | 316.5 | 321.9 | 1.7 | 49.7 | 3.3 | 64.0 |
| 16.7 | 63.3 | 6176.8 | 500.0 | -12.4 | -26.4 | 279.8 | 7.4 | 7.7 | 0.5 | 317.9 | 321.6 | 1.1 | 38.1 | 3.9 | 67.0 |
| 18.0 | 66.6 | 6591.1 | 450.0 | -16.3 | -28.8 | 273.1 | 6.4 | 7.4 | 0.0 | 317.8 | 321.5 | 1.1 | 49.2 | 4.5 | 70.0 |
| 19.4 | 70.0 | 7002.5 | 425.0 | -23.4 | -40.6 | 258.9 | 6.6 | 6.6 | -0.4 | 319.0 | 321.7 | 0.8 | 54.3 | 5.0 | 72.0 |
| 20.9 | 73.6 | 7443.5 | 400.0 | -26.0 | -44.5 | 253.5 | 9.0 | 8.8 | 1.7 | 321.2 | 322.2 | 0.3 | 61.3 | 5.5 | 75.0 |
| 22.5 | 77.3 | 7907.9 | 375.0 | -29.2 | -47.3 | 255.4 | 12.6 | 12.0 | 3.6 | 322.9 | 323.6 | 0.2 | 21.0 | 7.2 | 76.0 |
| 24.2 | 81.1 | 8306.6 | 350.0 | -33.4 | -49.6 | 253.8 | 13.6 | 13.2 | 3.6 | 323.8 | 324.3 | 0.1 | 22.9 | 8.5 | 75.0 |
| 25.4 | 83.0 | 8912.4 | 325.0 | -37.7 | -49.9 | 253.0 | 12.8 | 12.5 | 3.6 | 325.8 | 325.3 | 0.1 | 27.0 | 9.9 | 76.0 |
| 27.7 | 89.2 | 9458.8 | 300.0 | -42.2 | 99.9 | 254.2 | 14.2 | 13.7 | 3.8 | 326.0 | 99.9 | 99.9 | 99.9 | 11.3 | 75.0 |
| 29.3 | 93.7 | 10442.3 | 275.0 | -46.6 | 99.9 | 244.9 | 15.3 | 13.7 | 3.9 | 327.8 | 99.9 | 99.9 | 99.9 | 13.0 | 75.0 |
| 32.3 | 98.3 | 10669.7 | 250.0 | -50.4 | 99.9 | 230.9 | 16.8 | 14.5 | 6.5 | 331.1 | 99.9 | 99.9 | 99.9 | 14.9 | 75.0 |
| 34.2 | 103.2 | 11349.0 | 225.0 | -55.3 | 99.9 | 242.7 | 19.5 | 17.3 | 8.4 | 333.8 | 99.9 | 99.9 | 99.9 | 17.0 | 73.0 |
| 36.4 | 108.6 | 12093.5 | 200.0 | -58.7 | 99.9 | 248.7 | 22.0 | 20.5 | 8.9 | 339.8 | 99.9 | 99.9 | 99.9 | 19.6 | 71.0 |
| 39.3 | 114.4 | 12912.8 | 175.0 | -58.8 | 99.9 | 256.1 | 25.9 | 23.2 | 8.0 | 352.9 | 99.9 | 99.9 | 99.9 | 22.7 | 70.0 |
| 42.2 | 120.8 | 13703.2 | 150.0 | -58.0 | 99.9 | 253.8 | 25.6 | 24.6 | 7.1 | 363.0 | 99.9 | 99.9 | 99.9 | 26.9 | 71.0 |
| 45.5 | 127.8 | 15043.3 | 125.0 | -61.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 401.4 | 99.9 | 99.9 | 99.9 | 31.8 | 71.0 |
| 49.2 | 136.0 | 16413.3 | 100.0 | -65.4 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 92.3 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.3 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.3 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 14
MARFA, TEXAS20 APRIL 1979
1107 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 21.5 | 1473.0 | 851.0 | 10.5 | 0.5 | 350.0 | 4.1 | 0.7 | -4.0 | 297.1 | 310.0 | 4.7 | 50.0 | 0.7 | 0. |
| 99.2 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 875.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 21.6 | 1472.9 | 850.0 | 11.3 | 0.4 | 285.1 | 4.9 | 4.7 | -1.3 | 298.0 | 310.9 | 4.6 | 47.4 | 0.0 | 35. |
| 1.0 | 24.2 | 1737.4 | 825.0 | 15.9 | 1.5 | 21.9 | 8.5 | -3.2 | -7.8 | 308.6 | 323.6 | 5.2 | 31.2 | 0.4 | 192. |
| 2.0 | 26.7 | 2270.6 | 800.0 | 17.0 | -0.4 | 20.6 | 9.2 | -3.2 | -8.6 | 309.2 | 322.9 | 4.7 | 30.8 | 0.9 | 196. |
| 3.0 | 29.3 | 2270.2 | 775.0 | 14.6 | 0.3 | 24.2 | 6.0 | -3.3 | -7.3 | 309.6 | 324.3 | 5.1 | 37.5 | 1.5 | 198. |
| 3.9 | 32.0 | 2566.1 | 750.0 | 12.2 | 2.3 | 40.9 | 6.0 | -3.9 | -4.5 | 309.8 | 327.2 | 6.0 | 50.7 | 1.8 | 200. |
| 4.9 | 34.7 | 2429.3 | 725.0 | 9.9 | 1.2 | 72.0 | 5.1 | -4.9 | -1.6 | 310.3 | 327.0 | 5.8 | 54.6 | 2.1 | 205. |
| 6.0 | 37.4 | 3119.9 | 700.0 | 7.3 | -0.8 | 100.0 | 3.9 | -3.8 | 0.7 | 310.6 | 325.6 | 5.2 | 56.2 | 2.3 | 212. |
| 7.0 | 40.2 | 3418.3 | 675.0 | 5.1 | -2.0 | 122.8 | 1.2 | -1.0 | 0.7 | 311.3 | 325.7 | 4.9 | 60.1 | 2.3 | 216. |
| 9.1 | 43.0 | 3725.0 | 650.0 | 2.3 | -3.7 | 210.7 | 1.5 | 0.8 | 1.3 | 311.6 | 324.9 | 4.5 | 64.5 | 2.3 | 216. |
| 9.3 | 46.0 | 4240.6 | 625.0 | -0.8 | -4.6 | 227.8 | 3.7 | 2.8 | 2.5 | 311.6 | 324.5 | 4.4 | 75.3 | 2.1 | 216. |
| 10.5 | 48.9 | 4365.8 | 600.0 | -2.9 | -6.7 | 231.2 | 7.6 | 5.9 | 4.8 | 312.8 | 324.4 | 3.9 | 74.9 | 1.7 | 212. |
| 11.4 | 51.9 | 4701.8 | 575.0 | -6.1 | -8.3 | 238.4 | 9.2 | 7.8 | 4.8 | 312.9 | 323.5 | 3.6 | 84.1 | 1.1 | 199. |
| 13.1 | 55.0 | 5088.8 | 550.0 | -7.2 | -10.4 | 266.7 | 9.1 | 9.1 | 0.5 | 315.6 | 320.0 | 1.4 | 33.8 | 0.8 | 160. |
| 14.4 | 58.1 | 5409.6 | 525.0 | -10.2 | -11.6 | 291.4 | 8.6 | 8.2 | -3.2 | 316.2 | 317.9 | 0.5 | 15.4 | 1.4 | 131. |
| 15.3 | 61.3 | 5783.6 | 500.0 | -13.1 | -14.8 | 303.8 | 7.1 | 5.9 | -3.9 | 317.1 | 318.5 | 0.4 | 14.0 | 2.0 | 128. |
| 17.1 | 64.6 | 6172.2 | 475.0 | -16.3 | -18.4 | 288.7 | 6.6 | 6.2 | -2.1 | 317.9 | 319.4 | 0.4 | 19.6 | 2.5 | 126. |
| 18.5 | 67.0 | 6576.4 | 450.0 | -19.7 | -20.5 | 277.4 | 6.7 | 6.7 | -0.9 | 318.5 | 321.0 | 0.7 | 41.0 | 3.0 | 122. |
| 19.3 | 71.5 | 6997.5 | 425.0 | -24.0 | -30.5 | 276.8 | 6.5 | 6.5 | -0.5 | 318.3 | 320.7 | 0.7 | 54.6 | 3.5 | 118. |
| 21.4 | 75.1 | 7436.1 | 400.0 | -28.1 | -34.3 | 259.6 | 6.9 | 6.8 | 1.2 | 318.5 | 320.3 | 0.5 | 57.3 | 4.0 | 114. |
| 23.1 | 78.8 | 7929.7 | 375.0 | -29.3 | -36.3 | 242.6 | 11.3 | 10.0 | 5.2 | 322.8 | 323.4 | 0.2 | 17.3 | 4.7 | 106. |
| 24.9 | 82.7 | 8308.5 | 350.0 | -33.5 | -40.3 | 244.6 | 11.4 | 10.3 | 4.9 | 323.6 | 324.0 | 0.1 | 15.4 | 5.7 | 96. |
| 26.7 | 86.7 | 8705.6 | 325.0 | -36.8 | -44.7 | 263.4 | 10.4 | 10.4 | 0.8 | 326.0 | 326.3 | 0.1 | 13.4 | 6.7 | 93. |
| 28.9 | 91.0 | 9455.3 | 300.0 | -40.9 | -49.9 | 283.8 | 9.9 | 9.6 | -2.4 | 327.7 | 326.9 | 99.9 | 99.9 | 8.1 | 94. |
| 31.1 | 95.3 | 10240.8 | 275.0 | -46.1 | -54.1 | 285.0 | 9.6 | 9.2 | -2.5 | 328.5 | 327.9 | 99.9 | 99.9 | 9.3 | 96. |
| 33.5 | 100.0 | 10667.3 | 250.0 | -51.2 | -59.9 | 270.8 | 14.8 | 14.8 | -0.2 | 329.9 | 329.9 | 99.9 | 99.9 | 11.0 | 96. |
| 36.2 | 105.0 | 11343.0 | 225.0 | -57.2 | -66.7 | 262.7 | 18.0 | 17.9 | 2.3 | 330.9 | 330.9 | 99.9 | 99.9 | 13.7 | 94. |
| 38.0 | 110.4 | 12079.3 | 200.0 | -61.2 | -70.9 | 257.0 | 21.2 | 20.6 | 4.8 | 335.8 | 335.8 | 99.9 | 99.9 | 16.8 | 91. |
| 42.2 | 116.3 | 12913.8 | 175.0 | -58.4 | -68.4 | 255.1 | 22.8 | 22.1 | 5.9 | 353.6 | 353.6 | 99.9 | 99.9 | 21.1 | 87. |
| 46.1 | 122.7 | 13487.1 | 150.0 | -57.0 | -67.0 | 258.5 | 25.3 | 24.8 | 5.0 | 371.9 | 371.9 | 99.9 | 99.9 | 26.6 | 86. |
| 50.3 | 129.7 | 15032.3 | 125.0 | -50.1 | -60.9 | 255.5 | 26.1 | 25.3 | 6.6 | 386.3 | 386.3 | 99.9 | 99.9 | 33.1 | 84. |
| 55.4 | 138.0 | 16413.9 | 100.0 | -64.2 | -69.9 | 99.9 | 99.9 | 99.9 | 99.9 | 403.7 | 403.7 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.2 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 15
MORTON, TEXAS

19 APRIL 1979
1108 GMT

119 100. 0

| TIME MIN | CNTCT | HEIGHT GPH | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DEG K | E POT T DEG K | MX RTO CM/KG | RM PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|-----------------|-----------|-------------|-----------|
| 0.0 | 19.0 | 1142.0 | 881.7 | 16.4 | 15.6 | 180.0 | 0.5 | 0.0 | 0.5 | 300.2 | 334.2 | 12.8 | 95.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.2 | 18.6 | 1207.3 | 875.0 | 16.0 | 15.2 | 174.9 | 6.2 | -0.1 | 6.2 | 300.4 | 334.0 | 12.6 | 95.4 | 0.2 | 359. |
| 1.0 | 21.1 | 1454.3 | 850.0 | 15.7 | 15.0 | 179.5 | 10.8 | -0.1 | 10.8 | 302.6 | 337.0 | 12.8 | 95.8 | 0.6 | 359. |
| 1.9 | 23.6 | 1708.2 | 825.0 | 14.0 | 13.3 | 190.2 | 11.9 | 2.1 | 11.7 | 303.4 | 335.2 | 11.8 | 95.8 | 1.2 | 1. |
| 2.9 | 26.1 | 1958.1 | 800.0 | 12.7 | 12.0 | 191.9 | 12.5 | 2.6 | 12.2 | 304.7 | 335.1 | 11.1 | 95.6 | 2.0 | 6. |
| 4.0 | 28.6 | 2234.9 | 775.0 | 11.3 | 10.6 | 189.9 | 12.2 | 2.1 | 12.0 | 305.9 | 334.7 | 10.4 | 95.6 | 2.8 | 6. |
| 4.3 | 31.2 | 2507.9 | 750.0 | 9.6 | 1.1 | 180.3 | 10.7 | 0.1 | 10.7 | 307.0 | 322.8 | 5.5 | 55.4 | 3.4 | 7. |
| 5.9 | 33.8 | 2759.3 | 725.0 | 9.5 | -6.9 | 167.7 | 8.7 | -1.8 | 8.5 | 308.8 | 317.0 | 2.7 | 28.5 | 4.0 | 4. |
| 7.0 | 36.5 | 3078.3 | 700.0 | 6.8 | -19.5 | 184.5 | 8.0 | 0.6 | 8.0 | 310.0 | 313.7 | 1.2 | 13.2 | 4.5 | 3. |
| 8.2 | 39.2 | 3374.6 | 675.0 | 4.7 | -16.6 | 201.2 | 7.4 | 2.7 | 6.9 | 310.9 | 315.7 | 1.5 | 19.5 | 5.0 | 4. |
| 9.3 | 42.0 | 3691.8 | 650.0 | 2.8 | -14.8 | 204.3 | 8.3 | 3.4 | 7.5 | 312.1 | 318.0 | 1.9 | 26.0 | 5.5 | 6. |
| 10.3 | 44.8 | 3997.6 | 625.0 | -0.1 | -11.8 | 203.5 | 8.7 | 3.5 | 8.0 | 312.4 | 320.0 | 2.5 | 40.4 | 6.0 | 8. |
| 11.5 | 47.7 | 4328.6 | 600.0 | -3.4 | -11.0 | 208.5 | 8.1 | 3.9 | 7.2 | 312.2 | 320.6 | 2.8 | 55.5 | 6.5 | 9. |
| 12.7 | 50.6 | 4657.4 | 575.0 | -6.6 | -9.6 | 212.2 | 9.6 | 5.1 | 6.1 | 312.3 | 322.0 | 3.2 | 79.4 | 7.2 | 11. |
| 13.9 | 53.6 | 5003.3 | 550.0 | -9.4 | -8.4 | 209.1 | 10.4 | 5.1 | 9.1 | 313.1 | 316.6 | 0.8 | 23.6 | 7.8 | 13. |
| 15.0 | 56.8 | 5363.6 | 525.0 | -13.1 | -56.1 | 211.5 | 11.1 | 5.8 | 9.4 | 316.9 | 316.9 | 0.0 | 1.0 | 8.5 | 14. |
| 16.1 | 59.9 | 5737.9 | 500.0 | -17.7 | -58.2 | 219.3 | 11.7 | 7.4 | 9.0 | 317.1 | 317.2 | 0.0 | 1.0 | 9.2 | 16. |
| 17.4 | 63.1 | 6126.7 | 475.0 | -15.5 | -59.8 | 220.2 | 13.2 | 8.5 | 10.0 | 318.7 | 318.8 | 0.0 | 1.0 | 10.1 | 18. |
| 18.4 | 66.4 | 6532.6 | 450.0 | -13.3 | -61.5 | 218.1 | 14.0 | 8.6 | 11.0 | 320.3 | 320.4 | 0.0 | 1.0 | 11.2 | 20. |
| 20.4 | 69.9 | 6956.5 | 425.0 | -21.1 | -63.4 | 218.6 | 15.6 | 9.7 | 12.2 | 322.0 | 322.0 | 0.0 | 1.0 | 12.5 | 22. |
| 22.0 | 73.4 | 7401.7 | 400.0 | -24.0 | -65.3 | 224.7 | 16.9 | 11.3 | 11.4 | 323.6 | 323.8 | 0.0 | 1.0 | 13.9 | 24. |
| 23.7 | 77.1 | 7898.5 | 375.0 | -28.4 | -68.1 | 226.6 | 15.6 | 11.3 | 10.7 | 325.0 | 325.1 | 0.0 | 1.0 | 15.4 | 27. |
| 25.4 | 81.0 | 8358.0 | 350.0 | -33.1 | -71.2 | 223.8 | 17.2 | 11.9 | 12.4 | 324.1 | 324.2 | 0.0 | 1.0 | 17.0 | 28. |
| 26.3 | 84.9 | 8873.8 | 325.0 | -34.0 | -74.5 | 222.5 | 18.8 | 12.6 | 14.0 | 324.3 | 324.3 | 0.0 | 1.0 | 18.7 | 30. |
| 29.0 | 89.2 | 9421.2 | 300.0 | -41.0 | -99.9 | 223.5 | 20.8 | 14.3 | 15.1 | 327.7 | 999.9 | 99.9 | 999.9 | 21.0 | 31. |
| 30.3 | 93.6 | 10007.5 | 275.0 | -45.4 | 99.9 | 231.3 | 22.3 | 17.4 | 14.0 | 327.5 | 999.9 | 99.9 | 999.9 | 23.3 | 33. |
| 33.3 | 98.2 | 10634.8 | 250.0 | -51.0 | 99.9 | 232.2 | 26.1 | 20.6 | 16.0 | 330.3 | 999.9 | 99.9 | 999.9 | 26.2 | 35. |
| 35.1 | 103.2 | 11311.9 | 225.0 | -56.3 | 99.9 | 228.8 | 28.8 | 21.7 | 19.0 | 332.3 | 999.9 | 99.9 | 999.9 | 29.7 | 37. |
| 37.4 | 108.5 | 12053.3 | 200.0 | -60.2 | 99.9 | 235.5 | 24.8 | 20.4 | 14.0 | 337.4 | 999.9 | 99.9 | 999.9 | 33.3 | 38. |
| 39.9 | 114.3 | 12806.5 | 175.0 | -59.9 | 99.9 | 242.0 | 26.9 | 23.8 | 12.7 | 351.1 | 999.9 | 99.9 | 999.9 | 36.9 | 40. |
| 43.2 | 120.8 | 13855.2 | 150.0 | -53.3 | 99.9 | 245.5 | 22.7 | 20.6 | 9.4 | 369.7 | 999.9 | 99.9 | 999.9 | 41.6 | 42. |
| 46.5 | 128.0 | 14998.1 | 125.0 | -61.2 | 99.9 | 232.4 | 11.9 | 9.5 | 7.3 | 384.2 | 999.9 | 99.9 | 999.9 | 44.4 | 45. |
| 50.4 | 136.0 | 16362.6 | 100.0 | -65.6 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 401.0 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.7 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 15
 MORTON, TEXAS

| TIME MIN | CMTCT | HEIGHT GPM | PRES WS | TEMP CG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RM %CT | 106 102. 0 | |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| | | | | | | | | | | | | | | RANGE KM | AZ DG |
| 0.0 | 16.0 | 1142.0 | 982.5 | 18.4 | 16.7 | 160.0 | 2.1 | -0.7 | 2.0 | 302.2 | 339.0 | 13.7 | 90.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 0.1 | 16.9 | 1215.4 | 975.0 | 17.3 | 16.0 | 176.5 | 10.9 | -0.7 | 10.9 | 301.7 | 337.1 | 13.2 | 92.0 | 0.4 | 357. |
| 0.8 | 19.1 | 1463.0 | 850.0 | 15.7 | 14.6 | 191.3 | 11.0 | 0.3 | 11.0 | 302.6 | 336.1 | 12.4 | 93.6 | 0.7 | 357. |
| 1.8 | 21.4 | 1716.7 | 825.0 | 14.0 | 13.0 | 192.8 | 7.5 | 1.7 | 7.3 | 303.5 | 334.7 | 11.5 | 93.2 | 1.2 | 1. |
| 2.3 | 23.4 | 1977.3 | 800.0 | 13.9 | 10.1 | 222.0 | 4.4 | 3.2 | 3.6 | 305.9 | 333.1 | 9.8 | 78.3 | 1.5 | 3. |
| 3.7 | 26.0 | 2245.2 | 775.0 | 14.3 | 0.5 | 267.4 | 3.6 | 3.6 | 0.2 | 309.2 | 324.1 | 4.3 | 35.9 | 1.6 | 19. |
| 4.7 | 24.4 | 2521.3 | 750.0 | 12.3 | -2.3 | 271.5 | 3.9 | 3.9 | 0.2 | 310.8 | 322.7 | 4.3 | 35.9 | 1.6 | 19. |
| 5.5 | 37.4 | 2824.6 | 725.0 | 10.3 | -2.7 | 283.1 | 5.4 | 4.8 | 3.5 | 310.8 | 323.6 | 4.3 | 40.0 | 1.8 | 25. |
| 6.5 | 33.2 | 3095.8 | 700.0 | 9.3 | -2.1 | 220.5 | 7.5 | 4.8 | 5.7 | 311.7 | 325.6 | 4.7 | 47.7 | 2.2 | 30. |
| 7.5 | 35.7 | 3395.2 | 675.0 | 5.7 | -3.0 | 201.6 | 7.4 | 2.7 | 6.9 | 312.0 | 325.5 | 4.6 | 53.6 | 2.6 | 30. |
| 8.5 | 33.3 | 3702.8 | 650.0 | 2.7 | -3.8 | 195.5 | 7.5 | 2.0 | 7.3 | 312.1 | 325.3 | 4.5 | 62.2 | 3.2 | 28. |
| 9.5 | 40.8 | 4018.9 | 625.0 | -0.1 | -4.3 | 194.3 | 8.2 | 2.0 | 7.9 | 312.4 | 325.6 | 4.5 | 73.2 | 3.5 | 26. |
| 10.4 | 43.4 | 4344.3 | 600.0 | -3.2 | -5.2 | 195.6 | 8.9 | 2.4 | 8.6 | 312.5 | 325.3 | 4.3 | 85.6 | 3.9 | 23. |
| 11.7 | 46.2 | 4690.4 | 575.0 | -5.4 | -6.8 | 202.7 | 10.3 | 4.0 | 9.5 | 313.7 | 325.7 | 4.0 | 89.6 | 4.7 | 24. |
| 13.0 | 43.9 | 5027.9 | 550.0 | -8.0 | -10.5 | 207.7 | 11.9 | 5.5 | 10.5 | 314.7 | 324.2 | 3.1 | 81.9 | 5.5 | 24. |
| 14.7 | 51.7 | 5398.0 | 525.0 | -10.8 | -12.1 | 207.7 | 13.5 | 6.3 | 11.9 | 315.5 | 324.3 | 2.9 | 80.6 | 6.5 | 25. |
| 15.5 | 54.6 | 5761.7 | 500.0 | -13.2 | -17.3 | 210.0 | 13.8 | 6.9 | 12.0 | 317.0 | 323.2 | 2.0 | 70.9 | 7.6 | 25. |
| 16.4 | 57.5 | 6150.6 | 475.0 | -16.4 | -20.9 | 211.7 | 12.1 | 6.4 | 10.3 | 317.7 | 322.6 | 1.5 | 67.9 | 8.5 | 26. |
| 18.2 | 62.5 | 6555.9 | 450.0 | -18.3 | -30.9 | 207.2 | 13.3 | 6.1 | 11.9 | 320.3 | 322.6 | 0.7 | 33.2 | 9.5 | 26. |
| 19.5 | 63.6 | 6930.4 | 425.0 | -20.9 | -63.2 | 209.1 | 14.5 | 7.1 | 12.7 | 322.2 | 322.3 | 0.0 | 1.0 | 10.7 | 26. |
| 21.0 | 66.9 | 7425.4 | 400.0 | -24.3 | -63.2 | 206.5 | 14.3 | 6.4 | 12.8 | 323.4 | 323.5 | 0.0 | 1.4 | 12.0 | 27. |
| 22.6 | 70.1 | 7891.8 | 375.0 | -28.5 | -59.5 | 204.5 | 14.5 | 6.0 | 13.2 | 323.9 | 324.0 | 0.0 | 3.3 | 13.3 | 26. |
| 24.2 | 73.6 | 8361.9 | 350.0 | -33.0 | -53.9 | 208.0 | 16.5 | 7.7 | 14.5 | 324.3 | 324.5 | 0.1 | 10.1 | 14.8 | 26. |
| 25.7 | 77.1 | 8798.1 | 325.0 | -37.3 | -57.2 | 206.4 | 17.7 | 7.9 | 15.9 | 325.3 | 325.5 | 0.0 | 10.4 | 16.5 | 27. |
| 27.9 | 82.9 | 9446.6 | 300.0 | -41.0 | -57.9 | 208.2 | 18.4 | 8.7 | 16.2 | 327.6 | 327.6 | 99.9 | 99.9 | 18.7 | 26. |
| 29.9 | 84.8 | 10333.1 | 275.0 | -45.3 | 99.9 | 223.5 | 20.0 | 13.8 | 14.5 | 329.6 | 329.6 | 99.9 | 99.9 | 20.9 | 27. |
| 32.0 | 88.8 | 10662.4 | 250.0 | -50.5 | 99.9 | 231.0 | 23.3 | 18.1 | 14.7 | 331.0 | 331.0 | 99.9 | 99.9 | 23.5 | 30. |
| 34.4 | 93.2 | 11340.2 | 225.0 | -55.9 | 99.9 | 227.3 | 23.4 | 17.2 | 15.8 | 332.9 | 332.9 | 99.9 | 99.9 | 26.8 | 32. |
| 37.3 | 97.9 | 12782.7 | 200.0 | -59.3 | 99.9 | 230.6 | 21.7 | 16.8 | 13.8 | 338.9 | 338.9 | 99.9 | 99.9 | 30.2 | 36. |
| 39.5 | 103.0 | 12914.5 | 175.0 | -60.8 | 99.9 | 240.9 | 21.5 | 18.8 | 10.5 | 349.5 | 349.5 | 99.9 | 99.9 | 33.3 | 36. |
| 42.5 | 108.5 | 13491.3 | 150.0 | -59.0 | 99.9 | 243.8 | 22.6 | 20.3 | 10.0 | 368.5 | 368.5 | 99.9 | 99.9 | 36.9 | 39. |
| 44.1 | 114.4 | 15015.2 | 125.0 | -63.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 380.4 | 380.4 | 99.9 | 99.9 | 40.6 | 41. |
| 99.9 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 15
MORTON, TEXAS

19 APRIL 1979
1706 GMT

117 103. 0

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DJ | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DEG K | E POT T DEG K | MX RHO GM/KG | RM PCY | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|-----------|----------------|-----------------|-----------------|----------------|------------------|-----------------|-----------|-------------|-----------|
| 0.3 | 17.4 | 1142.0 | 882.7 | 22.5 | 12.4 | 200.0 | 2.6 | 0.9 | 2.4 | 306.4 | 335.1 | 10.4 | 53.0 | 0.0 | 0. |
| 99.3 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.3 | 18.1 | 1218.0 | 875.0 | 19.8 | 12.4 | 234.4 | 3.2 | 2.6 | 1.9 | 304.4 | 333.0 | 10.4 | 62.2 | 0.2 | 24. |
| 1.1 | 20.5 | 1467.3 | 850.0 | 17.7 | 13.7 | 245.9 | 3.0 | 2.8 | 1.2 | 304.7 | 336.7 | 11.7 | 77.8 | 0.3 | 36. |
| 2.3 | 23.0 | 1722.0 | 825.0 | 15.6 | 5.2 | 274.6 | 5.0 | 4.9 | -0.4 | 305.1 | 324.2 | 6.8 | 50.0 | 0.4 | 53. |
| 3.3 | 25.4 | 1983.1 | 800.0 | 15.6 | -5.7 | 280.4 | 3.9 | 3.8 | -0.7 | 307.8 | 317.2 | 3.1 | 22.6 | 0.6 | 75. |
| 3.9 | 27.9 | 2251.3 | 775.0 | 14.1 | -6.5 | 282.8 | 2.9 | 2.6 | 1.3 | 309.0 | 318.0 | 3.0 | 23.3 | 0.8 | 78. |
| 4.8 | 30.5 | 2526.8 | 750.0 | 11.9 | -4.4 | 284.8 | 4.8 | 2.8 | 4.0 | 309.5 | 320.4 | 3.7 | 31.9 | 0.9 | 70. |
| 5.7 | 33.1 | 2909.3 | 725.0 | 10.0 | -5.9 | 220.7 | 6.5 | 4.3 | 5.0 | 310.4 | 320.6 | 3.4 | 32.2 | 1.2 | 62. |
| 6.9 | 35.7 | 3099.5 | 700.0 | 7.2 | -5.0 | 216.3 | 7.5 | 4.5 | 6.1 | 310.5 | 321.8 | 3.8 | 41.7 | 1.7 | 56. |
| 8.1 | 38.4 | 3397.6 | 675.0 | 4.7 | -5.2 | 203.7 | 7.6 | 3.0 | 6.9 | 311.0 | 322.4 | 3.9 | 48.5 | 2.2 | 51. |
| 9.1 | 41.1 | 3703.9 | 650.0 | 1.8 | -4.7 | 201.2 | 8.5 | 3.1 | 7.9 | 311.1 | 323.3 | 4.1 | 61.6 | 2.6 | 44. |
| 10.4 | 43.9 | 4019.4 | 625.0 | -0.3 | -3.9 | 215.9 | 11.1 | 6.5 | 9.0 | 312.2 | 325.8 | 4.6 | 76.5 | 3.3 | 41. |
| 11.5 | 46.9 | 4345.0 | 600.0 | -2.8 | -7.1 | 221.3 | 12.8 | 8.4 | 9.6 | 312.9 | 324.2 | 3.8 | 72.0 | 4.2 | 41. |
| 12.9 | 49.7 | 4681.6 | 575.0 | -4.8 | -10.3 | 225.3 | 12.9 | 9.1 | 9.0 | 314.4 | 323.7 | 3.0 | 65.0 | 5.3 | 41. |
| 14.3 | 52.6 | 5029.9 | 550.0 | -7.3 | -12.6 | 221.2 | 15.1 | 9.9 | 11.4 | 313.4 | 323.6 | 2.6 | 65.0 | 6.4 | 42. |
| 15.5 | 55.6 | 5391.4 | 525.0 | -9.3 | -14.0 | 215.5 | 16.0 | 9.3 | 13.0 | 317.2 | 324.9 | 2.5 | 69.8 | 7.6 | 41. |
| 16.3 | 58.9 | 5766.8 | 500.0 | -12.0 | -24.0 | 205.8 | 13.2 | 5.7 | 11.9 | 318.4 | 322.0 | 1.1 | 36.2 | 8.8 | 40. |
| 18.4 | 62.0 | 6156.9 | 475.0 | -14.9 | -34.3 | 207.8 | 12.4 | 5.8 | 11.0 | 319.5 | 321.0 | 0.4 | 17.3 | 9.8 | 38. |
| 19.9 | 65.3 | 6564.2 | 450.0 | -17.4 | -44.3 | 216.1 | 12.5 | 7.4 | 10.1 | 321.4 | 322.0 | 0.2 | 7.5 | 10.9 | 38. |
| 21.4 | 68.6 | 6989.8 | 425.0 | -20.8 | -46.1 | 221.3 | 14.8 | 9.8 | 11.2 | 322.4 | 322.9 | 0.1 | 9.2 | 12.2 | 38. |
| 23.3 | 72.1 | 7435.1 | 400.0 | -24.4 | -47.7 | 215.4 | 15.2 | 8.8 | 12.4 | 323.3 | 323.7 | 0.1 | 9.4 | 13.6 | 38. |
| 24.5 | 75.7 | 7901.7 | 375.0 | -28.2 | -48.7 | 207.0 | 14.7 | 6.7 | 13.1 | 324.2 | 324.7 | 0.1 | 12.0 | 15.0 | 37. |
| 26.4 | 79.6 | 8392.4 | 350.0 | -32.1 | -49.6 | 207.5 | 18.9 | 8.7 | 16.7 | 325.4 | 325.7 | 0.1 | 17.8 | 16.7 | 36. |
| 28.3 | 83.5 | 8912.4 | 325.0 | -35.3 | -49.7 | 205.5 | 20.5 | 7.8 | 18.9 | 326.0 | 328.5 | 0.1 | 21.2 | 18.9 | 35. |
| 30.0 | 87.5 | 9465.3 | 300.0 | -39.6 | -49.9 | 200.0 | 20.4 | 7.0 | 19.2 | 329.6 | 329.9 | 99.9 | 99.9 | 21.1 | 33. |
| 32.2 | 92.0 | 10353.1 | 275.0 | -44.6 | -49.9 | 208.6 | 18.8 | 9.0 | 16.5 | 330.6 | 329.0 | 99.9 | 99.9 | 23.5 | 32. |
| 34.2 | 96.6 | 10883.1 | 250.0 | -50.0 | -49.9 | 218.3 | 19.0 | 11.7 | 14.9 | 331.8 | 329.7 | 99.9 | 99.9 | 25.8 | 33. |
| 36.4 | 101.6 | 11363.1 | 225.0 | -55.4 | -49.9 | 219.6 | 19.1 | 12.2 | 14.7 | 333.6 | 329.3 | 99.9 | 99.9 | 28.2 | 33. |
| 38.7 | 106.9 | 12104.5 | 200.0 | -60.2 | -49.9 | 225.3 | 23.2 | 16.5 | 16.3 | 337.4 | 329.9 | 99.9 | 99.9 | 31.1 | 34. |
| 41.6 | 112.9 | 12937.3 | 175.0 | -60.1 | -49.9 | 237.9 | 22.9 | 19.4 | 12.1 | 350.7 | 329.9 | 99.9 | 99.9 | 34.9 | 36. |
| 44.5 | 119.0 | 13935.9 | 150.0 | -58.3 | -49.9 | 241.6 | 22.6 | 19.9 | 10.7 | 367.7 | 329.9 | 99.9 | 99.9 | 38.6 | 39. |
| 48.3 | 126.0 | 15046.9 | 125.0 | -62.2 | -49.9 | 99.9 | 99.9 | 99.9 | 99.9 | 382.3 | 329.9 | 99.9 | 99.9 | 42.8 | 40. |
| 99.9 | 99.9 | 99.9 | 100.0 | -49.9 | -49.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 75.0 | -49.9 | -49.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 50.0 | -49.9 | -49.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | -49.9 | -49.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 15
MORTON, TEXAS19 APRIL 1979
2005 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP CG C | DEW PT CG C | DIR DG | SPEED M/SEC | " COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 17.8 | 1142.0 | 881.0 | 26.6 | 2.5 | 180.0 | 3.1 | 0.0 | 3.1 | 310.8 | 326.1 | 5.2 | 21.0 | 0.0 | 0. |
| 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.4 | 19.4 | 1201.9 | 875.0 | 23.88 | 2.8 | 181.5 | 7.0 | 0.2 | 7.0 | 308.5 | 324.1 | 5.4 | 25.4 | 0.2 | 20. |
| 1.1 | 20.9 | 1453.9 | 850.0 | 21.9 | 1.4 | 203.5 | 6.0 | 2.4 | 5.5 | 309.1 | 323.7 | 5.0 | 25.7 | 0.4 | 11. |
| 2.5 | 23.4 | 1711.7 | 825.0 | 19.6 | 0.6 | 219.7 | 5.7 | 3.6 | 4.4 | 309.3 | 323.5 | 4.9 | 28.0 | 0.7 | 28. |
| 3.7 | 26.0 | 1774.9 | 800.0 | 16.9 | -0.5 | 219.7 | 5.5 | 3.5 | 4.2 | 309.2 | 322.7 | 4.6 | 30.4 | 1.0 | 28. |
| 4.1 | 29.6 | 2244.4 | 775.0 | 14.7 | -1.9 | 231.3 | 6.5 | 5.1 | 4.1 | 309.6 | 322.2 | 4.3 | 31.8 | 1.4 | 33. |
| 5.3 | 31.2 | 2520.2 | 750.0 | 11.6 | -3.2 | 231.5 | 7.7 | 6.0 | 4.8 | 309.4 | 321.3 | 4.0 | 34.8 | 1.9 | 39. |
| 6.5 | 33.9 | 2802.7 | 725.0 | 9.5 | -5.2 | 229.2 | 9.8 | 7.4 | 6.4 | 309.9 | 320.6 | 3.6 | 34.8 | 2.4 | 41. |
| 7.4 | 36.6 | 3393.0 | 700.0 | 7.6 | -7.2 | 224.1 | 12.5 | 8.7 | 9.0 | 310.9 | 320.5 | 3.2 | 34.3 | 3.3 | 43. |
| 8.4 | 37.3 | 3391.5 | 675.0 | 5.4 | -7.5 | 211.6 | 13.6 | 7.1 | 11.4 | 312.9 | 319.9 | 2.2 | 37.3 | 4.2 | 42. |
| 9.2 | 42.1 | 3698.9 | 650.0 | 3.1 | -6.8 | 207.6 | 13.8 | 6.4 | 12.2 | 312.5 | 319.1 | 0.5 | 48.0 | 5.1 | 40. |
| 11.0 | 45.0 | 4315.0 | 625.0 | 0.2 | -8.7 | 212.8 | 14.0 | 7.6 | 11.8 | 312.7 | 322.3 | 3.2 | 51.0 | 5.9 | 38. |
| 12.2 | 49.0 | 4340.9 | 600.0 | -2.5 | -14.0 | 223.0 | 15.6 | 10.6 | 11.4 | 313.2 | 319.9 | 2.2 | 40.6 | 7.0 | 38. |
| 13.5 | 51.0 | 4677.9 | 575.0 | -3.7 | -30.2 | 231.4 | 16.0 | 12.5 | 10.0 | 315.6 | 317.5 | 0.5 | 10.6 | 8.2 | 40. |
| 14.9 | 54.0 | 5027.2 | 550.0 | -5.9 | -30.2 | 231.2 | 14.4 | 11.2 | 9.0 | 317.2 | 319.1 | 0.6 | 12.4 | 9.5 | 41. |
| 16.2 | 57.1 | 5390.7 | 525.0 | -7.6 | -30.3 | 223.5 | 12.2 | 8.4 | 8.8 | 319.3 | 321.2 | 0.6 | 18.1 | 10.6 | 42. |
| 17.7 | 60.4 | 5764.0 | 500.0 | -10.9 | -35.4 | 229.1 | 12.0 | 9.1 | 7.9 | 319.7 | 321.0 | 0.4 | 11.1 | 11.6 | 42. |
| 19.2 | 63.6 | 6159.7 | 475.0 | -13.8 | -38.3 | 242.8 | 12.4 | 11.1 | 5.7 | 320.9 | 321.9 | 0.3 | 10.5 | 12.5 | 43. |
| 20.4 | 67.0 | 6568.0 | 450.0 | -16.8 | -36.9 | 245.5 | 14.0 | 12.8 | 5.8 | 322.1 | 323.3 | 0.4 | 15.5 | 13.5 | 45. |
| 22.1 | 70.6 | 6994.6 | 425.0 | -20.0 | -38.8 | 238.1 | 13.6 | 11.5 | 7.2 | 323.4 | 324.5 | 0.3 | 16.8 | 14.8 | 47. |
| 23.7 | 74.1 | 7440.6 | 400.0 | -24.0 | -38.2 | 223.0 | 13.9 | 9.5 | 10.2 | 323.5 | 325.1 | 0.3 | 25.5 | 16.3 | 47. |
| 25.6 | 77.9 | 7908.1 | 375.0 | -28.0 | -40.6 | 217.1 | 15.3 | 9.2 | 12.2 | 324.5 | 325.6 | 0.3 | 28.6 | 17.8 | 48. |
| 27.3 | 81.7 | 8399.9 | 350.0 | -31.5 | -43.0 | 214.3 | 17.1 | 9.6 | 14.1 | 326.3 | 327.2 | 0.2 | 30.9 | 19.4 | 45. |
| 28.4 | 85.7 | 8721.3 | 325.0 | -34.7 | -47.2 | 208.5 | 16.6 | 7.9 | 14.6 | 328.9 | 320.5 | 0.2 | 24.2 | 20.9 | 44. |
| 30.4 | 89.8 | 9474.8 | 300.0 | -39.5 | 99.9 | 209.5 | 19.0 | 9.3 | 16.5 | 329.7 | 999.9 | 99.9 | 999.9 | 22.5 | 43. |
| 32.2 | 94.2 | 10663.5 | 275.0 | -44.5 | 99.9 | 206.4 | 19.7 | 8.7 | 17.6 | 330.8 | 999.9 | 99.9 | 999.9 | 24.5 | 42. |
| 34.5 | 98.8 | 10695.1 | 250.0 | -49.2 | 99.9 | 205.5 | 20.1 | 8.6 | 18.1 | 332.9 | 999.9 | 99.9 | 999.9 | 27.1 | 40. |
| 36.5 | 103.4 | 11376.5 | 225.0 | -55.3 | 99.9 | 213.5 | 19.5 | 10.7 | 16.2 | 333.7 | 999.9 | 99.9 | 999.9 | 29.6 | 39. |
| 38.3 | 109.0 | 12118.8 | 200.0 | -60.1 | 99.9 | 226.7 | 21.4 | 15.6 | 14.7 | 337.6 | 999.9 | 99.9 | 999.9 | 32.2 | 38. |
| 41.3 | 114.6 | 12954.8 | 175.0 | -58.7 | 99.9 | 232.5 | 21.8 | 17.3 | 13.3 | 353.1 | 999.9 | 99.9 | 999.9 | 35.5 | 40. |
| 44.1 | 120.8 | 13910.9 | 150.0 | -56.9 | 99.9 | 236.7 | 21.0 | 17.5 | 11.5 | 372.1 | 999.9 | 99.9 | 999.9 | 38.9 | 42. |
| 47.5 | 127.3 | 15077.4 | 125.0 | -59.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 386.5 | 999.9 | 99.9 | 999.9 | 43.1 | 41. |
| 52.1 | 135.0 | 16370.7 | 100.0 | -61.6 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 408.8 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 15
MORTON, TEXAS

19 APRIL 1979
2305 GMT

| TIME MIN | CNCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POI T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 17.4 | 1142.0 | 879.6 | 21.5 | -3.8 | 180.0 | 3.6 | 0.0 | 3.6 | 305.7 | 315.3 | 3.3 | 19.0 | 0.0 | 0. |
| 99.2 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.3 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.2 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.3 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.1 | 17.9 | 1187.4 | 875.0 | 22.4 | 99.9 | 218.3 | 6.4 | 4.0 | 5.0 | 307.0 | 999.9 | 99.9 | 999.9 | 0.1 | 41. |
| 0.2 | 20.2 | 1440.2 | 850.0 | 24.1 | 0.4 | 232.5 | 7.9 | 6.3 | 4.8 | 311.4 | 325.1 | 4.6 | 20.9 | 0.4 | 57. |
| 1.5 | 22.5 | 1699.7 | 825.0 | 21.4 | -1.5 | 226.9 | 8.4 | 6.1 | 5.7 | 311.2 | 323.6 | 4.2 | 21.5 | 0.7 | 54. |
| 2.2 | 24.8 | 1964.8 | 800.0 | 19.0 | -2.8 | 223.4 | 10.1 | 6.9 | 7.3 | 311.4 | 323.1 | 3.9 | 22.6 | 1.0 | 50. |
| 2.3 | 27.2 | 2215.9 | 775.0 | 16.4 | -3.7 | 221.5 | 12.0 | 7.9 | 9.0 | 311.4 | 322.6 | 3.8 | 25.0 | 1.4 | 48. |
| 3.3 | 29.6 | 2513.6 | 750.0 | 13.9 | -4.0 | 221.3 | 13.0 | 8.6 | 9.8 | 311.7 | 323.1 | 3.6 | 28.7 | 1.8 | 46. |
| 4.2 | 32.0 | 2737.6 | 725.0 | 11.1 | -5.1 | 222.4 | 13.8 | 9.3 | 10.2 | 311.6 | 322.4 | 3.6 | 31.6 | 2.4 | 46. |
| 4.7 | 34.6 | 3049.0 | 700.0 | 8.2 | -5.7 | 219.2 | 13.7 | 8.7 | 10.6 | 311.6 | 322.4 | 3.6 | 36.7 | 3.0 | 45. |
| 5.7 | 37.1 | 3397.7 | 675.0 | 5.1 | -6.0 | 220.3 | 11.3 | 7.3 | 8.6 | 311.4 | 322.2 | 3.6 | 44.5 | 3.7 | 43. |
| 6.9 | 39.7 | 3694.6 | 650.0 | 2.1 | -9.1 | 233.4 | 10.3 | 8.2 | 6.1 | 311.3 | 320.4 | 3.0 | 43.4 | 4.4 | 44. |
| 7.3 | 42.3 | 4010.9 | 625.0 | 1.3 | -26.4 | 241.6 | 11.1 | 9.8 | 5.3 | 316.3 | 316.3 | 0.7 | 10.5 | 5.1 | 46. |
| 9.2 | 45.0 | 4337.3 | 600.0 | -1.6 | -28.7 | 243.6 | 13.0 | 11.6 | 5.8 | 316.3 | 316.3 | 0.6 | 10.4 | 5.8 | 48. |
| 10.3 | 47.8 | 4674.8 | 575.0 | -3.7 | -30.7 | 245.4 | 14.3 | 13.0 | 5.9 | 315.7 | 317.4 | 0.5 | 10.1 | 6.6 | 50. |
| 11.2 | 50.5 | 5024.2 | 550.0 | -6.5 | -32.7 | 245.8 | 16.0 | 14.6 | 6.5 | 316.4 | 317.9 | 0.4 | 10.3 | 7.5 | 52. |
| 12.2 | 53.4 | 5385.9 | 525.0 | -8.9 | -34.4 | 244.9 | 17.0 | 15.4 | 7.2 | 317.7 | 319.1 | 0.4 | 10.6 | 8.5 | 54. |
| 13.2 | 56.3 | 5761.8 | 500.0 | -11.6 | -34.2 | 247.7 | 16.0 | 14.8 | 6.1 | 318.9 | 320.4 | 0.4 | 13.2 | 9.7 | 55. |
| 14.6 | 59.3 | 6152.9 | 475.0 | -14.0 | -31.4 | 246.4 | 15.3 | 14.0 | 6.1 | 320.7 | 322.6 | 0.6 | 21.2 | 10.9 | 57. |
| 16.2 | 62.3 | 6560.9 | 450.0 | -17.3 | -34.4 | 241.2 | 15.1 | 13.2 | 7.3 | 321.5 | 323.1 | 0.5 | 21.3 | 12.3 | 57. |
| 17.3 | 65.4 | 6986.8 | 425.0 | -20.6 | -37.9 | 236.3 | 15.4 | 12.8 | 8.5 | 322.6 | 323.6 | 0.3 | 16.2 | 13.8 | 58. |
| 19.3 | 68.4 | 7432.1 | 400.0 | -24.0 | -37.9 | 226.1 | 14.9 | 10.7 | 10.3 | 323.9 | 325.2 | 0.4 | 26.3 | 15.3 | 57. |
| 21.1 | 72.0 | 7939.4 | 375.0 | -28.1 | -37.6 | 216.6 | 17.0 | 10.1 | 13.6 | 324.4 | 325.9 | 0.4 | 39.3 | 16.7 | 56. |
| 22.6 | 75.4 | 8392.0 | 350.0 | -31.5 | -41.8 | 216.2 | 19.2 | 11.3 | 15.5 | 325.3 | 327.3 | 0.3 | 35.1 | 18.3 | 54. |
| 24.4 | 79.0 | 8911.3 | 325.0 | -36.0 | -45.9 | 211.5 | 16.0 | 8.3 | 13.6 | 326.0 | 327.7 | 0.2 | 35.2 | 20.1 | 52. |
| 26.5 | 82.4 | 9462.1 | 300.0 | -40.4 | 99.9 | 213.7 | 16.6 | 9.2 | 13.8 | 327.0 | 999.9 | 99.9 | 999.9 | 22.1 | 50. |
| 28.5 | 86.7 | 10043.9 | 275.0 | -45.4 | 99.9 | 212.5 | 17.8 | 9.6 | 15.1 | 329.5 | 999.9 | 99.9 | 999.9 | 24.0 | 49. |
| 30.5 | 90.8 | 10678.0 | 250.0 | -50.3 | 99.9 | 214.3 | 16.4 | 9.2 | 13.5 | 331.2 | 999.9 | 99.9 | 999.9 | 26.0 | 47. |
| 32.4 | 95.2 | 11357.6 | 225.0 | -55.4 | 99.9 | 219.0 | 18.6 | 11.7 | 14.5 | 333.7 | 999.9 | 99.9 | 999.9 | 28.3 | 47. |
| 35.2 | 99.9 | 12102.5 | 200.0 | -59.0 | 99.9 | 221.3 | 21.2 | 14.0 | 16.0 | 335.0 | 999.9 | 99.9 | 999.9 | 30.9 | 46. |
| 37.7 | 104.8 | 12940.0 | 175.0 | -58.7 | 99.9 | 229.6 | 21.3 | 16.2 | 13.8 | 353.0 | 999.9 | 99.9 | 999.9 | 34.4 | 46. |
| 40.5 | 110.3 | 13916.8 | 150.0 | -57.0 | 99.9 | 232.4 | 20.6 | 18.2 | 9.5 | 371.9 | 999.9 | 99.9 | 999.9 | 38.0 | 47. |
| 44.3 | 116.5 | 15066.3 | 125.0 | -58.4 | 99.9 | 240.5 | 18.2 | 15.9 | 9.0 | 389.2 | 999.9 | 99.9 | 999.9 | 41.8 | 48. |
| 99.9 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 15
WORTON, TEXAS

20 APRIL 1979
205 GMT

| TIME MIN | CNTCT | WEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | 'J COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTD GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|------------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 16.7 | 1182.0 | 880.0 | 20.5 | 5.3 | 180.0 | 2.1 | 0.0 | 2.1 | 304.6 | 322.6 | 6.4 | 37.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.3 | 17.2 | 1191.8 | 875.0 | 25.3 | 0.2 | 218.1 | 9.9 | 6.1 | 7.8 | 310.1 | 323.2 | 4.4 | 19.2 | 0.3 | 25. |
| 1.1 | 19.5 | 1444.7 | 850.0 | 22.6 | -2.3 | 218.0 | 10.5 | 6.5 | 8.3 | 309.9 | 321.1 | 3.8 | 18.7 | 0.7 | 32. |
| 2.1 | 21.7 | 1773.3 | 825.0 | 20.9 | -3.2 | 216.5 | 10.2 | 6.1 | 8.2 | 310.7 | 321.6 | 3.7 | 19.6 | 1.3 | 35. |
| 3.7 | 24.0 | 1487.5 | 800.0 | 18.4 | -4.5 | 215.8 | 10.4 | 5.1 | 8.5 | 310.7 | 321.0 | 3.4 | 20.7 | 1.8 | 35. |
| 3.9 | 26.3 | 2238.0 | 775.0 | 15.7 | -4.8 | 215.2 | 10.2 | 5.9 | 8.4 | 310.8 | 321.1 | 3.4 | 23.8 | 2.4 | 35. |
| 4.9 | 24.7 | 2514.6 | 750.0 | 12.8 | -6.0 | 220.2 | 8.4 | 5.4 | 6.4 | 310.5 | 320.3 | 3.3 | 26.5 | 2.9 | 35. |
| 5.4 | 31.1 | 2797.8 | 725.0 | 10.2 | -6.4 | 231.0 | 8.7 | 6.7 | 5.4 | 310.7 | 320.5 | 3.3 | 30.4 | 3.4 | 37. |
| 6.4 | 33.5 | 3088.5 | 700.0 | 7.6 | -6.5 | 242.1 | 8.6 | 7.6 | 4.0 | 310.9 | 321.0 | 3.4 | 36.0 | 3.9 | 39. |
| 7.7 | 38.0 | 3386.6 | 675.0 | 5.0 | -6.8 | 245.1 | 8.7 | 7.9 | 3.7 | 311.2 | 321.5 | 3.4 | 42.2 | 4.3 | 42. |
| 8.6 | 34.5 | 3633.0 | 650.0 | 2.1 | -7.4 | 249.8 | 8.3 | 7.8 | 2.9 | 311.3 | 321.4 | 3.4 | 49.3 | 4.8 | 44. |
| 9.7 | 41.1 | 4037.8 | 625.0 | -1.2 | -10.0 | 261.4 | 7.6 | 7.6 | 1.1 | 311.1 | 319.8 | 2.9 | 51.1 | 5.2 | 47. |
| 10.9 | 43.9 | 4332.4 | 600.0 | -2.7 | -18.2 | 263.5 | 8.7 | 8.6 | 1.0 | 313.0 | 317.9 | 1.5 | 29.0 | 6.2 | 51. |
| 12.7 | 46.4 | 4658.4 | 575.0 | -4.4 | -30.6 | 259.4 | 11.6 | 11.4 | 2.1 | 315.9 | 316.7 | 0.5 | 10.9 | 7.3 | 59. |
| 13.3 | 49.2 | 5117.9 | 550.0 | -5.9 | -33.9 | 251.6 | 14.8 | 14.0 | 4.7 | 317.1 | 318.5 | 0.4 | 4.7 | 7.2 | 57. |
| 14.4 | 52.0 | 5350.4 | 525.0 | -8.5 | -31.7 | 247.5 | 15.8 | 14.6 | 6.1 | 318.2 | 319.9 | 0.5 | 13.2 | 8.2 | 58. |
| 15.6 | 54.9 | 5756.3 | 500.0 | -11.9 | -29.2 | 251.8 | 15.4 | 14.6 | 4.8 | 318.6 | 320.9 | 0.7 | 22.0 | 9.4 | 61. |
| 16.1 | 57.9 | 6156.3 | 475.0 | -15.7 | -28.6 | 253.5 | 15.6 | 15.0 | 4.4 | 319.5 | 321.1 | 0.8 | 31.9 | 10.4 | 61. |
| 18.1 | 64.9 | 6581.4 | 450.0 | -19.0 | -38.5 | 248.2 | 15.8 | 14.7 | 5.9 | 319.3 | 320.4 | 0.3 | 16.3 | 11.6 | 62. |
| 19.5 | 68.0 | 6974.7 | 425.0 | -21.7 | -39.4 | 238.8 | 14.9 | 12.7 | 7.7 | 321.2 | 323.2 | 0.3 | 18.3 | 12.9 | 62. |
| 21.0 | 67.1 | 7418.0 | 400.0 | -25.6 | -37.7 | 230.2 | 15.2 | 11.7 | 9.7 | 321.8 | 323.1 | 0.4 | 30.7 | 14.2 | 62. |
| 22.5 | 70.4 | 7853.0 | 375.0 | -29.2 | -38.9 | 227.3 | 17.3 | 12.8 | 11.8 | 323.0 | 324.2 | 0.3 | 38.3 | 15.6 | 60. |
| 24.1 | 73.9 | 8311.7 | 350.0 | -33.2 | -42.5 | 226.7 | 17.6 | 12.8 | 12.0 | 323.9 | 324.9 | 0.3 | 38.6 | 17.3 | 59. |
| 25.9 | 77.4 | 8899.4 | 325.0 | -36.8 | -48.0 | 218.5 | 16.3 | 10.2 | 12.8 | 326.0 | 326.6 | 0.1 | 29.6 | 19.1 | 58. |
| 27.9 | 81.1 | 9437.7 | 300.0 | -41.3 | 99.9 | 214.8 | 16.8 | 9.6 | 13.8 | 327.1 | 999.9 | 99.9 | 99.9 | 20.8 | 56. |
| 29.7 | 85.0 | 10222.4 | 275.0 | -46.1 | 99.9 | 216.0 | 17.4 | 10.5 | 14.4 | 328.4 | 999.9 | 99.9 | 99.9 | 22.6 | 54. |
| 31.7 | 89.2 | 10649.6 | 250.0 | -51.0 | 99.9 | 217.2 | 18.1 | 10.9 | 14.4 | 330.3 | 999.9 | 99.9 | 99.9 | 24.8 | 52. |
| 34.1 | 93.5 | 11129.2 | 225.0 | -55.2 | 99.9 | 216.9 | 17.6 | 10.6 | 14.0 | 333.9 | 999.9 | 99.9 | 99.9 | 27.2 | 51. |
| 36.5 | 98.2 | 12023.3 | 200.0 | -58.2 | 99.9 | 217.9 | 20.4 | 12.5 | 16.0 | 340.6 | 999.9 | 99.9 | 99.9 | 29.8 | 50. |
| 39.0 | 103.4 | 12908.9 | 175.0 | -60.4 | 99.9 | 216.5 | 21.8 | 12.9 | 17.5 | 350.3 | 999.9 | 99.9 | 99.9 | 32.4 | 48. |
| 42.3 | 108.9 | 13773.3 | 150.0 | -54.7 | 99.9 | 237.5 | 24.0 | 20.2 | 12.9 | 368.0 | 999.9 | 99.9 | 99.9 | 37.2 | 48. |
| 45.6 | 115.0 | 15015.1 | 125.0 | -58.4 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 389.3 | 999.9 | 99.9 | 99.9 | 41.8 | 50. |
| 99.7 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.7 | 99.9 | 99.9 | 75.0 | 94.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.7 | 99.9 | 99.9 | 50.0 | 94.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.7 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
°° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 15
MORTON, TEXAS20 APRIL 1979
505 GMT

| TIME MIN | CNTCB | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GW/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.3 | 17.5 | 1142.0 | 880.8 | 19.4 | 2.3 | 235.0 | 5.1 | 4.2 | 2.9 | 303.4 | 317.9 | 5.1 | 32.0 | 0.0 | 0. |
| 0.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.7 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.3 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.7 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.7 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.2 | 18.0 | 1198.9 | 975.0 | 20.9 | 0.4 | 223.2 | 20.7 | 14.2 | 15.1 | 305.6 | 318.5 | 4.5 | 25.3 | 0.4 | 80. |
| 0.7 | 23.4 | 1450.7 | 850.0 | 22.2 | -1.8 | 225.2 | 18.9 | 13.4 | 13.4 | 309.4 | 321.1 | 4.0 | 20.0 | 0.8 | 63. |
| 1.3 | 27.6 | 1708.6 | 825.0 | 23.0 | -3.5 | 229.9 | 17.1 | 13.1 | 11.0 | 309.8 | 320.4 | 3.6 | 20.2 | 1.9 | 54. |
| 2.3 | 25.0 | 1792.1 | 800.0 | 17.7 | -5.0 | 228.4 | 13.8 | 10.3 | 9.2 | 310.1 | 320.0 | 3.3 | 20.8 | 2.8 | 53. |
| 3.3 | 27.5 | 2242.2 | 775.0 | 15.2 | -4.8 | 223.4 | 11.1 | 7.6 | 8.0 | 310.1 | 320.4 | 3.5 | 24.8 | 3.5 | 51. |
| 4.3 | 29.9 | 2518.3 | 750.0 | 12.5 | -5.4 | 217.1 | 9.5 | 5.8 | 7.6 | 310.2 | 320.3 | 3.4 | 28.1 | 4.1 | 50. |
| 5.3 | 32.3 | 2901.4 | 725.0 | 10.1 | -5.9 | 214.5 | 6.8 | 3.9 | 5.6 | 310.6 | 320.7 | 3.4 | 31.8 | 4.6 | 48. |
| 7.3 | 34.9 | 3391.8 | 700.0 | 7.5 | -5.0 | 217.9 | 6.4 | 4.0 | 5.1 | 310.8 | 322.0 | 3.8 | 40.5 | 5.0 | 47. |
| 8.7 | 37.4 | 3390.0 | 675.0 | 4.4 | -5.4 | 223.4 | 5.8 | 4.0 | 4.2 | 310.6 | 321.9 | 3.8 | 48.8 | 5.4 | 47. |
| 9.2 | 40.0 | 3695.9 | 650.0 | 1.7 | -6.7 | 231.8 | 6.0 | 4.7 | 3.7 | 310.8 | 321.5 | 3.6 | 53.7 | 5.8 | 47. |
| 10.3 | 42.7 | 4018.8 | 625.0 | -1.2 | -7.9 | 241.3 | 6.1 | 5.3 | 2.9 | 311.0 | 321.2 | 3.4 | 60.4 | 6.2 | 47. |
| 11.4 | 45.3 | 4334.7 | 600.0 | -4.4 | -10.0 | 250.6 | 5.0 | 4.7 | 1.7 | 311.1 | 320.1 | 3.0 | 64.9 | 6.5 | 48. |
| 12.5 | 48.1 | 4668.3 | 575.0 | -7.0 | -13.2 | 253.5 | 6.5 | 6.2 | 1.8 | 311.8 | 317.0 | 1.7 | 42.7 | 6.9 | 57. |
| 13.3 | 50.9 | 5016.1 | 550.0 | -6.3 | -32.9 | 251.9 | 10.3 | 9.8 | 3.2 | 316.7 | 318.1 | 0.4 | 9.9 | 7.4 | 51. |
| 15.2 | 53.8 | 5377.7 | 525.0 | -9.1 | -35.0 | 251.1 | 13.1 | 12.4 | 4.2 | 317.4 | 318.7 | 0.4 | 10.0 | 8.3 | 54. |
| 16.5 | 56.9 | 5753.0 | 500.0 | -12.3 | -27.4 | 248.2 | 16.6 | 15.4 | 6.2 | 318.1 | 320.8 | 0.8 | 27.0 | 9.5 | 56. |
| 17.3 | 59.8 | 6182.6 | 475.0 | -15.4 | -31.5 | 243.8 | 18.0 | 16.1 | 7.9 | 319.0 | 321.0 | 0.6 | 23.8 | 10.9 | 57. |
| 19.2 | 62.9 | 6548.5 | 450.0 | -18.7 | -39.8 | 243.1 | 17.0 | 15.2 | 7.7 | 319.7 | 320.7 | 0.3 | 13.6 | 12.3 | 58. |
| 20.3 | 66.1 | 6921.7 | 425.0 | -22.0 | -36.3 | 237.2 | 16.2 | 13.6 | 6.8 | 320.9 | 322.3 | 0.4 | 25.7 | 13.8 | 58. |
| 22.3 | 69.4 | 7418.9 | 400.0 | -25.7 | -37.1 | 226.0 | 16.7 | 12.0 | 11.6 | 321.5 | 322.3 | 0.4 | 33.4 | 15.4 | 57. |
| 24.1 | 72.7 | 7878.9 | 375.0 | -29.3 | -43.5 | 227.1 | 16.0 | 11.7 | 10.9 | 322.9 | 323.6 | 0.2 | 24.7 | 17.0 | 56. |
| 26.7 | 76.3 | 8368.8 | 350.0 | -32.7 | -48.5 | 230.1 | 16.7 | 12.8 | 10.7 | 324.7 | 325.2 | 0.1 | 18.7 | 18.8 | 56. |
| 27.7 | 79.9 | 8893.8 | 325.0 | -37.2 | -50.7 | 220.3 | 19.4 | 12.6 | 14.8 | 325.4 | 325.8 | 0.1 | 22.7 | 20.8 | 55. |
| 29.5 | 83.7 | 9433.9 | 300.0 | -41.4 | 99.9 | 219.5 | 19.2 | 12.2 | 14.8 | 327.0 | 999.9 | 99.9 | 999.9 | 22.8 | 53. |
| 31.5 | 87.7 | 10017.9 | 275.0 | -46.6 | 99.9 | 226.1 | 17.6 | 12.7 | 12.2 | 327.7 | 999.9 | 99.9 | 999.9 | 25.0 | 52. |
| 33.7 | 91.8 | 10643.4 | 250.0 | -51.6 | 99.9 | 224.7 | 17.0 | 11.9 | 12.1 | 329.4 | 999.9 | 99.9 | 999.9 | 27.1 | 52. |
| 36.1 | 96.2 | 11321.4 | 225.0 | -55.7 | 99.9 | 221.3 | 18.8 | 12.4 | 14.1 | 333.1 | 999.9 | 99.9 | 999.9 | 29.7 | 51. |
| 38.7 | 101.0 | 12063.1 | 200.0 | -59.7 | 99.9 | 227.0 | 20.8 | 15.2 | 14.2 | 339.8 | 999.9 | 99.9 | 999.9 | 32.8 | 50. |
| 41.3 | 106.2 | 12999.5 | 175.0 | -53.2 | 99.9 | 222.2 | 20.3 | 13.6 | 15.1 | 350.6 | 999.9 | 99.9 | 999.9 | 35.8 | 50. |
| 44.1 | 111.8 | 13967.3 | 150.0 | -58.3 | 99.9 | 230.6 | 20.8 | 16.1 | 13.2 | 369.7 | 999.9 | 99.9 | 999.9 | 39.5 | 49. |
| 48.0 | 118.0 | 15008.5 | 125.0 | -59.9 | 99.9 | 241.8 | 21.3 | 18.7 | 10.0 | 388.4 | 999.9 | 99.9 | 999.9 | 44.1 | 50. |
| 52.2 | 125.0 | 16393.6 | 100.0 | -62.5 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 407.0 | 999.9 | 99.9 | 999.9 | 99.9 | 99.9 |
| 99.3 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.3 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 15
MORTON, TEXAS

20 APRIL 1979
006 GMT

| TIME MIN | CNCT | HEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | J COMP M/SEC | V COMP M/SEC | POT T DEG K | E POT T DEG K | MR STD CM/KC | RM PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|-----------------|-----------|-------------|-----------|
| 0.0 | 16.7 | 1142.0 | 881.1 | 13.0 | 5.2 | 270.0 | 1.5 | 1.5 | 0.0 | 296.7 | 313.9 | 6.3 | 59.0 | 0.0 | 0.0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.4 | 17.3 | 1201.3 | 875.0 | 18.10 | -1.1 | 297.4 | 9.4 | 8.3 | -4.3 | 302.6 | 314.2 | 4.1 | 27.3 | 0.3 | 126.0 |
| 1.2 | 19.5 | 1451.3 | 850.0 | 21.0 | -2.6 | 306.1 | 9.0 | 7.2 | -5.3 | 308.2 | 319.2 | 3.7 | 20.3 | 0.6 | 122.0 |
| 2.1 | 21.9 | 1708.1 | 825.0 | 19.1 | -3.9 | 309.8 | 7.4 | 5.7 | -4.7 | 308.8 | 319.1 | 3.5 | 20.7 | 1.0 | 127.0 |
| 2.9 | 24.2 | 1971.1 | 800.0 | 17.0 | -4.2 | 292.1 | 9.0 | 8.3 | -3.4 | 309.2 | 319.6 | 3.5 | 23.1 | 1.4 | 126.0 |
| 3.9 | 26.5 | 2240.6 | 775.0 | 14.8 | -4.0 | 280.0 | 10.0 | 9.0 | -1.7 | 309.7 | 320.6 | 3.7 | 27.1 | 2.0 | 119.0 |
| 4.9 | 29.0 | 2516.1 | 750.0 | 11.8 | -4.6 | 270.3 | 10.1 | 10.1 | -1.0 | 309.4 | 320.2 | 3.6 | 31.3 | 2.5 | 115.0 |
| 5.9 | 31.4 | 2799.7 | 725.0 | 9.3 | -5.7 | 270.3 | 9.1 | 9.1 | 0.0 | 309.6 | 319.9 | 3.5 | 34.2 | 3.0 | 111.0 |
| 6.5 | 33.4 | 3098.2 | 700.0 | 6.6 | -6.0 | 264.9 | 9.5 | 9.5 | 0.8 | 309.8 | 320.3 | 3.5 | 43.1 | 3.5 | 107.0 |
| 7.8 | 36.4 | 3395.4 | 675.0 | 3.9 | -6.3 | 252.3 | 8.3 | 7.9 | 2.5 | 310.0 | 320.5 | 3.5 | 47.2 | 4.0 | 104.0 |
| 8.3 | 38.9 | 3670.7 | 650.0 | 1.4 | -7.5 | 213.7 | 7.0 | 5.6 | 4.1 | 310.6 | 320.6 | 3.3 | 51.2 | 4.4 | 100.0 |
| 10.7 | 41.6 | 4005.0 | 625.0 | -1.6 | -8.1 | 219.6 | 6.6 | 4.2 | 5.1 | 310.6 | 320.6 | 3.3 | 61.1 | 4.7 | 95.0 |
| 11.1 | 44.2 | 4328.5 | 600.0 | -4.6 | -10.0 | 219.3 | 7.4 | 4.7 | 5.8 | 310.8 | 319.9 | 3.0 | 65.1 | 4.9 | 91.0 |
| 12.2 | 46.9 | 4664.1 | 575.0 | -4.4 | -10.8 | 223.7 | 9.5 | 6.6 | 6.6 | 314.8 | 316.5 | 0.5 | 10.6 | 5.3 | 86.0 |
| 13.2 | 49.8 | 5112.9 | 550.0 | -6.3 | -11.3 | 230.9 | 14.5 | 12.5 | 7.3 | 317.3 | 319.1 | 0.5 | 11.4 | 5.9 | 82.0 |
| 14.3 | 52.6 | 5374.8 | 525.0 | -9.2 | -13.3 | 239.9 | 14.5 | 12.5 | 7.3 | 317.3 | 319.1 | 0.5 | 14.7 | 6.7 | 79.0 |
| 15.5 | 55.4 | 5749.8 | 500.0 | -12.5 | -16.3 | 242.5 | 15.2 | 13.5 | 7.0 | 317.8 | 319.2 | 0.4 | 14.3 | 7.7 | 77.0 |
| 16.7 | 59.4 | 6119.3 | 475.0 | -15.6 | -17.1 | 244.0 | 16.2 | 14.6 | 7.1 | 318.7 | 319.9 | 0.3 | 13.8 | 8.8 | 75.0 |
| 18.1 | 61.5 | 6544.1 | 450.0 | -19.6 | -22.2 | 239.6 | 15.8 | 13.6 | 8.0 | 318.6 | 320.4 | 0.2 | 12.5 | 11.4 | 72.0 |
| 19.5 | 64.6 | 6966.8 | 425.0 | -22.2 | -23.4 | 241.6 | 14.6 | 13.3 | 6.6 | 320.6 | 321.3 | 0.2 | 12.5 | 11.4 | 72.0 |
| 21.1 | 67.8 | 7409.1 | 400.0 | -25.8 | -26.5 | 246.5 | 13.4 | 12.3 | 5.3 | 321.4 | 322.0 | 0.1 | 12.2 | 12.7 | 71.0 |
| 22.7 | 71.1 | 7873.1 | 375.0 | -29.4 | -29.3 | 248.2 | 12.1 | 11.2 | 4.5 | 322.6 | 323.1 | 0.1 | 12.5 | 13.9 | 71.0 |
| 24.3 | 74.6 | 8361.6 | 350.0 | -33.4 | -32.6 | 255.0 | 11.2 | 10.8 | 2.9 | 323.8 | 324.1 | 0.1 | 12.4 | 15.0 | 71.0 |
| 25.7 | 78.1 | 8877.4 | 325.0 | -37.7 | -35.5 | 251.2 | 12.2 | 11.5 | 3.9 | 324.7 | 325.0 | 0.1 | 13.4 | 16.1 | 71.0 |
| 27.4 | 82.0 | 9423.6 | 300.0 | -42.7 | -39.9 | 243.3 | 11.1 | 9.9 | 5.0 | 325.1 | 325.9 | 99.9 | 99.9 | 12.4 | 71.0 |
| 29.3 | 85.9 | 10005.0 | 275.0 | -47.3 | -47.3 | 233.8 | 11.6 | 9.3 | 6.8 | 326.8 | 326.8 | 99.9 | 99.9 | 18.4 | 70.0 |
| 31.2 | 90.0 | 10627.9 | 250.0 | -52.3 | -52.3 | 234.8 | 13.9 | 11.3 | 8.0 | 328.3 | 328.3 | 99.9 | 99.9 | 19.8 | 69.0 |
| 33.4 | 94.3 | 11301.7 | 225.0 | -57.2 | -57.2 | 232.2 | 16.3 | 12.9 | 10.0 | 330.9 | 330.9 | 99.9 | 99.9 | 21.8 | 68.0 |
| 35.4 | 99.0 | 12043.9 | 200.0 | -58.5 | -58.5 | 219.7 | 16.5 | 10.5 | 12.7 | 340.1 | 340.1 | 99.9 | 99.9 | 24.1 | 66.0 |
| 39.3 | 104.2 | 12879.2 | 175.0 | -61.0 | -61.0 | 219.5 | 20.5 | 13.0 | 15.8 | 349.3 | 349.3 | 99.9 | 99.9 | 26.4 | 63.0 |
| 41.3 | 109.5 | 13647.9 | 150.0 | -57.4 | -57.4 | 233.7 | 19.3 | 15.5 | 11.4 | 371.2 | 371.2 | 99.9 | 99.9 | 29.9 | 61.0 |
| 44.5 | 115.8 | 14988.3 | 125.0 | -61.4 | -61.4 | 99.9 | 99.9 | 99.9 | 99.9 | 383.9 | 383.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 17
POPLAR BLUFF, MISSOURI

19 APRIL 1979
1148 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT Y DG K | E POT Y DG K | MX WIND GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|------------------|-----------|-------------|----------|
| 0.3 | 5.0 | 100.0 | 1010.0 | 13.8 | 8.8 | 999.9 | 99.9 | 99.9 | 99.9 | 286.1 | 304.4 | 7.1 | 72.0 | 0.0 | 0. |
| 0.2 | 5.8 | 194.1 | 1000.0 | 14.0 | 7.0 | 999.9 | 99.9 | 99.9 | 99.9 | 287.2 | 303.7 | 6.3 | 62.5 | 999.9 | 999. |
| 1.0 | 8.0 | 398.0 | 975.0 | 14.9 | 0.4 | 999.9 | 99.9 | 99.9 | 99.9 | 290.2 | 301.2 | 4.1 | 37.2 | 0.5 | 288. |
| 1.8 | 10.2 | 618.4 | 950.0 | 16.1 | -0.7 | 130.0 | 10.5 | -8.1 | 6.8 | 293.5 | 304.1 | 3.8 | 31.6 | 1.1 | 298. |
| 2.6 | 12.4 | 944.9 | 925.0 | 15.7 | 3.9 | 142.1 | 7.1 | -4.4 | 5.6 | 295.4 | 310.4 | 5.5 | 45.4 | 1.5 | 302. |
| 3.5 | 14.6 | 1377.4 | 900.0 | 15.0 | 5.8 | 170.2 | 4.5 | -0.8 | 4.6 | 297.0 | 314.5 | 6.5 | 54.1 | 1.7 | 307. |
| 4.4 | 16.9 | 1315.5 | 875.0 | 13.8 | 6.4 | 188.8 | 4.8 | 0.7 | 4.7 | 298.1 | 317.0 | 6.9 | 61.1 | 1.9 | 313. |
| 5.3 | 19.2 | 1559.2 | 850.0 | 11.6 | 7.1 | 187.2 | 4.7 | 0.6 | 4.7 | 298.3 | 318.6 | 7.5 | 73.7 | 2.0 | 319. |
| 6.3 | 21.5 | 1598.6 | 825.0 | 9.8 | 6.8 | 188.5 | 5.4 | 0.8 | 5.3 | 299.0 | 319.6 | 7.6 | 81.7 | 2.2 | 325. |
| 7.2 | 23.8 | 2063.9 | 800.0 | 8.2 | 4.5 | 184.8 | 6.4 | 0.5 | 6.3 | 299.9 | 318.2 | 6.6 | 77.4 | 2.5 | 330. |
| 8.2 | 26.2 | 2325.6 | 775.0 | 6.3 | 1.2 | 198.9 | 6.9 | 2.2 | 6.5 | 300.6 | 315.7 | 5.4 | 69.4 | 2.8 | 335. |
| 9.1 | 28.4 | 2593.7 | 750.0 | 4.0 | -0.7 | 202.7 | 6.9 | 3.4 | 5.9 | 300.9 | 314.7 | 4.9 | 71.5 | 3.1 | 341. |
| 10.2 | 31.0 | 2808.6 | 725.0 | 1.8 | -1.0 | 207.2 | 6.6 | 3.0 | 5.9 | 301.5 | 315.3 | 4.9 | 81.4 | 3.4 | 346. |
| 11.2 | 33.5 | 3151.4 | 700.0 | 0.0 | -2.3 | 196.1 | 7.5 | 2.1 | 7.2 | 302.5 | 315.7 | 4.6 | 84.1 | 3.7 | 350. |
| 12.2 | 36.0 | 3442.0 | 675.0 | -1.7 | -2.0 | 190.0 | 7.9 | 1.4 | 7.8 | 303.7 | 317.1 | 4.9 | 98.0 | 4.2 | 352. |
| 13.4 | 38.7 | 3742.5 | 650.0 | -2.3 | -2.5 | 199.9 | 6.2 | 2.1 | 5.9 | 306.4 | 320.6 | 4.9 | 98.6 | 4.7 | 354. |
| 14.6 | 41.3 | 4054.0 | 625.0 | -3.7 | -4.0 | 208.8 | 5.9 | 2.9 | 5.1 | 308.2 | 321.5 | 4.6 | 98.3 | 5.0 | 357. |
| 15.7 | 44.0 | 4375.8 | 600.0 | -5.1 | -5.3 | 215.8 | 5.6 | 3.3 | 4.5 | 310.2 | 322.9 | 4.3 | 98.3 | 5.3 | 359. |
| 16.9 | 46.7 | 4709.3 | 575.0 | -7.3 | -7.6 | 233.1 | 6.4 | 5.1 | 3.8 | 311.4 | 322.7 | 3.8 | 98.1 | 5.6 | 2. |
| 18.3 | 49.6 | 5055.0 | 550.0 | -9.4 | -9.6 | 248.1 | 6.9 | 6.4 | 2.6 | 313.0 | 323.1 | 3.4 | 97.9 | 5.9 | 6. |
| 19.1 | 52.4 | 5413.4 | 525.0 | -11.9 | -12.2 | 248.6 | 6.1 | 5.7 | 2.2 | 314.2 | 322.9 | 2.9 | 97.0 | 6.1 | 10. |
| 20.3 | 55.3 | 5785.3 | 500.0 | -14.9 | -15.8 | 249.0 | 5.3 | 4.7 | 2.3 | 314.9 | 321.9 | 2.2 | 92.3 | 6.3 | 13. |
| 21.9 | 58.3 | 6172.0 | 475.0 | -16.8 | -21.2 | 241.0 | 5.7 | 4.9 | 2.7 | 317.1 | 321.9 | 1.5 | 69.5 | 6.6 | 16. |
| 23.2 | 61.4 | 6575.6 | 450.0 | -20.2 | -28.1 | 235.5 | 7.0 | 5.7 | 3.9 | 317.8 | 320.6 | 0.8 | 49.2 | 7.0 | 19. |
| 24.6 | 64.5 | 6966.6 | 425.0 | -23.4 | -37.2 | 234.4 | 8.3 | 6.8 | 4.9 | 319.8 | 320.3 | 0.4 | 27.0 | 7.5 | 22. |
| 26.1 | 67.9 | 7437.4 | 400.0 | -26.7 | -36.7 | 231.6 | 9.8 | 7.7 | 6.1 | 320.3 | 322.0 | 0.5 | 46.5 | 8.3 | 25. |
| 27.7 | 71.3 | 7901.2 | 375.0 | -29.6 | -32.4 | 232.6 | 9.6 | 7.6 | 5.8 | 322.5 | 324.8 | 0.7 | 75.4 | 9.1 | 27. |
| 29.5 | 74.7 | 8390.7 | 350.0 | -33.2 | -38.6 | 242.7 | 9.0 | 8.0 | 4.1 | 324.0 | 325.4 | 0.4 | 58.5 | 10.0 | 30. |
| 31.2 | 78.1 | 8938.2 | 325.0 | -36.8 | -44.5 | 251.1 | 7.2 | 6.8 | 2.3 | 325.9 | 326.7 | 0.2 | 44.5 | 10.7 | 33. |
| 33.1 | 82.1 | 9456.4 | 300.0 | -41.8 | 99.9 | 250.0 | 6.5 | 6.1 | 2.2 | 326.4 | 999.9 | 99.9 | 999.9 | 11.3 | 35. |
| 35.1 | 86.0 | 10038.9 | 275.0 | -46.9 | 99.9 | 251.0 | 8.0 | 7.6 | 2.6 | 327.3 | 999.9 | 99.9 | 999.9 | 12.0 | 38. |
| 37.3 | 90.2 | 10653.4 | 250.0 | -51.7 | 99.9 | 269.4 | 8.6 | 8.6 | 0.1 | 329.3 | 999.9 | 99.9 | 999.9 | 12.8 | 41. |
| 39.7 | 94.7 | 11339.8 | 225.0 | -56.5 | 99.9 | 271.7 | 10.7 | 10.7 | -0.3 | 331.9 | 999.9 | 99.9 | 999.9 | 13.6 | 45. |
| 42.2 | 99.4 | 12079.6 | 200.0 | -60.5 | 99.9 | 265.4 | 14.9 | 14.9 | 0.1 | 337.0 | 999.9 | 99.9 | 999.9 | 15.1 | 50. |
| 45.2 | 104.6 | 12922.9 | 175.0 | -64.1 | 99.9 | 285.4 | 20.1 | 19.4 | -5.3 | 344.2 | 999.9 | 99.9 | 999.9 | 17.4 | 57. |
| 48.2 | 110.3 | 13855.5 | 50.0 | -61.6 | 99.9 | 283.7 | 22.9 | 22.3 | -5.4 | 364.0 | 999.9 | 99.9 | 999.9 | 20.1 | 67. |
| 52.0 | 116.5 | 14981.9 | 125.0 | -62.2 | 99.9 | 278.6 | 23.3 | 23.1 | -3.5 | 382.4 | 999.9 | 99.9 | 999.9 | 24.7 | 73. |
| 99.9 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999. |
| 99.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999. |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999. |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 17
 POPLAR BLUFF, MISSOURI

 19 APRIL 1979
 1433 GMT

| TIME | CNTCT | HEIGHT | PRES | TEMP | DEW PT | QIR | SPEED | U COMP | V COMP | POT T | E POT Y | WZ RTO | RM | RANGE | AZ |
|------|-------|---------|--------|-------|--------|-------|-------|--------|--------|-------|---------|--------|-------|-------|------|
| MIN | | CPM | MB | CG C | CG C | CG | M/SEC | M/SEC | M/SEC | CG K | CG K | GM/KG | PCF | KM | DEG |
| 0.2 | 5.5 | 100.0 | 1010.1 | 16.5 | 6.6 | 50.0 | 2.0 | -1.5 | -1.3 | 288.6 | 304.8 | 6.1 | 52.0 | 0.0 | 0. |
| 0.4 | 6.3 | 100.6 | 1008.0 | 15.54 | 6.2 | 144.0 | 4.2 | -2.5 | 3.4 | 288.6 | 304.4 | 6.0 | 53.9 | 0.1 | 290. |
| 1.3 | 8.4 | 104.9 | 975.0 | 15.1 | 1.2 | 150.0 | 8.0 | -4.0 | 6.9 | 290.4 | 302.1 | 4.3 | 39.4 | 0.4 | 315. |
| 2.2 | 10.5 | 625.7 | 950.0 | 17.0 | 2.8 | 162.6 | 7.7 | -2.3 | 7.4 | 290.5 | 308.1 | 5.0 | 39.0 | 0.8 | 327. |
| 3.1 | 12.6 | 852.7 | 925.0 | 15.9 | 0.5 | 173.5 | 5.4 | -0.6 | 5.4 | 295.6 | 315.9 | 7.6 | 61.5 | 1.2 | 333. |
| 4.2 | 14.8 | 1055.4 | 900.0 | 14.7 | 7.9 | 174.6 | 4.7 | -0.4 | 4.7 | 296.7 | 316.8 | 7.5 | 63.7 | 1.4 | 338. |
| 5.1 | 17.0 | 1123.3 | 875.0 | 13.5 | 7.7 | 181.4 | 6.6 | 0.2 | 6.6 | 297.9 | 318.4 | 7.6 | 68.0 | 1.7 | 341. |
| 6.1 | 19.2 | 1567.0 | 850.0 | 11.6 | 7.0 | 192.2 | 6.9 | 1.5 | 6.7 | 298.3 | 318.5 | 7.4 | 73.4 | 2.1 | 346. |
| 7.0 | 21.5 | 1816.1 | 825.0 | 9.5 | 4.3 | 196.8 | 5.9 | 1.7 | 5.6 | 298.7 | 316.2 | 6.4 | 70.0 | 2.4 | 350. |
| 7.7 | 23.7 | 2070.8 | 800.0 | 7.8 | 1.1 | 200.4 | 6.0 | 2.1 | 5.6 | 299.4 | 313.9 | 5.2 | 62.7 | 2.7 | 353. |
| 8.3 | 26.1 | 2331.5 | 775.0 | 5.1 | -0.3 | 201.1 | 6.1 | 2.1 | 5.7 | 299.9 | 312.8 | 4.9 | 68.2 | 3.0 | 356. |
| 9.4 | 29.4 | 2598.5 | 750.0 | 2.6 | -1.0 | 202.6 | 6.1 | 2.4 | 5.6 | 299.4 | 312.7 | 4.8 | 77.4 | 3.3 | 359. |
| 10.4 | 32.8 | 2471.9 | 725.0 | 0.3 | -1.8 | 204.1 | 5.3 | 2.1 | 4.8 | 299.8 | 312.8 | 4.6 | 86.0 | 3.7 | 1. |
| 12.3 | 33.2 | 3153.3 | 700.0 | -0.4 | -1.3 | 215.3 | 5.3 | 3.1 | 4.4 | 302.1 | 316.2 | 5.0 | 93.7 | 4.0 | 3. |
| 12.3 | 35.6 | 3443.9 | 675.0 | -1.8 | -2.2 | 235.5 | 4.8 | 4.0 | 2.7 | 303.6 | 317.4 | 4.8 | 96.9 | 4.2 | 6. |
| 18.1 | 38.1 | 3744.4 | 650.0 | -2.4 | -2.9 | 260.1 | 3.5 | 3.4 | 0.6 | 306.2 | 320.0 | 4.8 | 96.7 | 4.4 | 9. |
| 15.1 | 40.7 | 4055.3 | 625.0 | -4.2 | -4.7 | 265.4 | 4.4 | 4.3 | 0.3 | 307.6 | 320.3 | 4.3 | 96.4 | 4.4 | 12. |
| 16.4 | 43.3 | 4376.7 | 600.0 | -5.9 | -6.4 | 260.4 | 5.6 | 5.6 | 0.9 | 309.2 | 320.9 | 4.0 | 96.5 | 4.5 | 16. |
| 17.5 | 46.0 | 4709.2 | 575.0 | -7.9 | -8.5 | 252.9 | 6.8 | 6.5 | 2.0 | 310.7 | 321.2 | 3.5 | 95.3 | 4.8 | 21. |
| 18.3 | 49.7 | 5053.8 | 550.0 | -10.3 | -10.8 | 259.5 | 7.1 | 7.0 | 1.3 | 311.9 | 321.1 | 3.1 | 96.2 | 5.1 | 26. |
| 20.2 | 51.4 | 5411.1 | 525.0 | -12.6 | -14.2 | 265.0 | 7.5 | 7.5 | 0.7 | 313.3 | 320.8 | 2.4 | 89.4 | 5.4 | 31. |
| 21.4 | 54.3 | 5782.8 | 500.0 | -15.4 | -20.5 | 262.0 | 7.8 | 7.7 | 1.1 | 314.3 | 319.0 | 1.5 | 84.7 | 5.8 | 36. |
| 22.5 | 57.3 | 6167.5 | 475.0 | -18.0 | -21.8 | 248.6 | 7.9 | 7.4 | 2.9 | 315.7 | 320.2 | 1.4 | 71.9 | 6.3 | 39. |
| 23.7 | 60.3 | 6569.7 | 450.0 | -20.8 | -29.8 | 252.4 | 7.2 | 6.8 | 2.2 | 317.1 | 319.7 | 0.8 | 49.9 | 6.9 | 42. |
| 25.7 | 63.4 | 6959.1 | 425.0 | -24.4 | -47.3 | 271.2 | 6.4 | 6.4 | -0.1 | 317.7 | 318.2 | 0.1 | 19.2 | 7.4 | 45. |
| 27.4 | 66.6 | 7428.1 | 400.0 | -27.7 | -66.6 | 260.6 | 7.1 | 7.0 | 1.2 | 319.0 | 319.1 | 0.0 | 1.2 | 7.8 | 48. |
| 29.3 | 69.9 | 7890.9 | 375.0 | -29.4 | -88.8 | 241.4 | 9.9 | 8.7 | 4.7 | 322.7 | 322.8 | 0.0 | 1.0 | 8.6 | 50. |
| 30.7 | 73.4 | 8300.6 | 350.0 | -32.9 | -89.9 | 238.6 | 11.3 | 9.6 | 5.9 | 324.4 | 324.5 | 0.0 | 1.2 | 9.8 | 51. |
| 32.4 | 77.0 | 8896.6 | 325.0 | -37.9 | -53.7 | 235.6 | 10.5 | 8.7 | 5.9 | 324.4 | 324.7 | 0.1 | 17.0 | 11.1 | 52. |
| 34.5 | 80.7 | 9442.6 | 300.0 | -42.8 | 99.9 | 249.4 | 9.1 | 8.5 | 3.2 | 325.0 | 999.9 | 99.9 | 999.9 | 12.1 | 53. |
| 36.5 | 84.5 | 10023.4 | 275.0 | -47.3 | 99.9 | 262.0 | 9.4 | 9.3 | 1.3 | 326.7 | 999.9 | 99.9 | 999.9 | 13.1 | 54. |
| 38.7 | 88.7 | 10646.6 | 250.0 | -52.1 | 99.9 | 274.8 | 9.3 | 9.3 | -0.8 | 328.6 | 999.9 | 99.9 | 999.9 | 14.2 | 57. |
| 41.1 | 93.0 | 11321.4 | 225.0 | -56.8 | 99.9 | 290.9 | 11.4 | 10.7 | -4.1 | 331.4 | 999.9 | 99.9 | 999.9 | 15.2 | 61. |
| 43.7 | 97.4 | 12052.5 | 200.0 | -61.9 | 99.9 | 274.8 | 21.4 | 19.5 | -0.8 | 334.8 | 999.9 | 99.9 | 999.9 | 16.8 | 67. |
| 46.3 | 102.4 | 12692.9 | 175.0 | -61.7 | 99.9 | 276.9 | 19.7 | 19.6 | -2.4 | 348.1 | 999.9 | 99.9 | 999.9 | 19.1 | 73. |
| 50.1 | 108.3 | 13837.4 | 150.0 | -62.3 | 99.9 | 280.7 | 21.1 | 20.7 | -3.9 | 362.8 | 999.9 | 99.9 | 999.9 | 22.3 | 78. |
| 53.9 | 114.3 | 14464.5 | 125.0 | -63.2 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 380.6 | 999.9 | 99.9 | 999.9 | 27.2 | 81. |
| 58.9 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999. |
| 59.3 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999. |
| 59.3 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999. |
| 59.3 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 17
 POPLAR BLUFF, MISSOURI

 19 APRIL 1979
 1744 GMT

| TIME MIN | CNTCT | HEIGHT GPH | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | J COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MIX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|------------------|-----------|-------------|----------|
| 0.3 | 5.1 | 100.0 | 1009.3 | 16.0 | 7.3 | 50.0 | 2.0 | -1.5 | -1.3 | 291.2 | 308.1 | 6.4 | 47.0 | 0.0 | 0 |
| 0.4 | 5.9 | 170.4 | 1000.0 | 17.0 | 7.1 | 133.5 | 1.5 | -1.1 | 1.0 | 291.0 | 307.9 | 6.4 | 49.4 | 0.2 | 294 |
| 1.3 | 8.2 | 395.2 | 975.0 | 16.0 | 5.6 | 157.2 | 3.6 | -1.4 | 3.3 | 291.2 | 306.9 | 5.9 | 50.2 | 0.3 | 294 |
| 1.7 | 10.5 | 615.7 | 950.0 | 16.1 | 6.2 | 172.5 | 6.7 | -0.9 | 6.7 | 295.6 | 312.6 | 6.3 | 45.6 | 0.4 | 319 |
| 2.5 | 12.9 | 845.0 | 925.0 | 17.6 | 6.6 | 175.7 | 6.7 | -0.5 | 6.6 | 297.3 | 315.4 | 6.6 | 48.4 | 0.8 | 335 |
| 3.3 | 15.4 | 1078.7 | 900.0 | 15.9 | 5.2 | 177.0 | 6.4 | -0.3 | 6.4 | 297.9 | 314.8 | 6.2 | 49.9 | 1.0 | 341 |
| 4.2 | 17.8 | 1317.4 | 875.0 | 14.2 | 4.4 | 178.4 | 7.2 | -0.2 | 7.2 | 298.5 | 315.0 | 6.0 | 51.6 | 1.4 | 348 |
| 5.3 | 20.3 | 1561.6 | 850.0 | 12.3 | 2.4 | 183.0 | 7.1 | 0.4 | 7.1 | 299.1 | 316.0 | 5.4 | 50.6 | 1.8 | 348 |
| 5.9 | 22.9 | 1911.1 | 825.0 | 10.1 | 2.1 | 186.9 | 7.9 | 0.9 | 7.8 | 299.3 | 316.4 | 5.4 | 52.6 | 2.1 | 352 |
| 6.9 | 25.3 | 2366.5 | 800.0 | 8.0 | 1.6 | 185.3 | 8.3 | 0.8 | 8.2 | 299.7 | 316.7 | 5.4 | 63.6 | 2.5 | 350 |
| 7.7 | 27.9 | 2327.8 | 775.0 | 6.1 | 0.3 | 190.4 | 8.4 | 1.5 | 8.3 | 302.4 | 316.6 | 5.1 | 65.6 | 3.0 | 350 |
| 8.7 | 30.5 | 2595.8 | 750.0 | 3.9 | 0.3 | 210.0 | 8.2 | 4.1 | 7.1 | 300.8 | 316.2 | 5.5 | 81.4 | 3.4 | 359 |
| 9.5 | 33.1 | 3153.6 | 700.0 | 1.0 | 0.9 | 237.9 | 8.3 | 6.1 | 6.6 | 301.6 | 317.1 | 5.6 | 93.5 | 3.8 | 3 |
| 10.4 | 35.9 | 3646.0 | 675.0 | -0.3 | -0.5 | 257.9 | 8.6 | 6.4 | 6.4 | 303.6 | 320.1 | 5.5 | 98.6 | 4.1 | 13 |
| 11.4 | 38.6 | 3748.0 | 650.0 | -1.1 | -2.2 | 297.6 | 3.1 | 2.8 | -0.7 | 305.3 | 321.0 | 5.0 | 97.6 | 4.1 | 16 |
| 12.5 | 41.3 | 4059.5 | 625.0 | -3.0 | -4.4 | 285.0 | 2.6 | 2.5 | -0.7 | 308.9 | 321.0 | 4.4 | 95.3 | 4.1 | 19 |
| 13.4 | 44.2 | 4381.1 | 600.0 | -5.0 | -7.4 | 268.2 | 3.4 | 3.4 | 0.3 | 309.4 | 320.3 | 3.7 | 88.2 | 4.1 | 21 |
| 14.7 | 47.1 | 4713.9 | 575.0 | -7.8 | -11.6 | 260.7 | 4.2 | 4.1 | 0.7 | 310.9 | 319.2 | 2.8 | 76.5 | 4.2 | 24 |
| 15.4 | 50.1 | 5059.8 | 550.0 | -8.2 | -20.2 | 262.6 | 5.8 | 5.7 | 0.7 | 314.4 | 318.8 | 1.4 | 37.1 | 6.4 | 28 |
| 17.1 | 53.1 | 5919.5 | 525.0 | -10.5 | -21.8 | 253.0 | 7.7 | 5.5 | 1.7 | 315.8 | 319.0 | 1.3 | 38.9 | 6.7 | 32 |
| 18.3 | 56.1 | 5919.5 | 500.0 | -13.2 | -23.1 | 263.7 | 7.2 | 6.2 | 0.7 | 316.9 | 320.8 | 1.2 | 43.1 | 5.1 | 36 |
| 19.5 | 59.4 | 5793.1 | 475.0 | -16.1 | -24.7 | 269.5 | 8.2 | 8.2 | 0.1 | 318.0 | 321.6 | 0.8 | 47.4 | 5.5 | 41 |
| 21.0 | 62.6 | 6191.7 | 450.0 | -19.1 | -26.6 | 276.0 | 8.6 | 8.4 | -0.9 | 319.2 | 321.9 | 0.8 | 42.7 | 5.9 | 46 |
| 22.4 | 66.9 | 6596.6 | 425.0 | -22.4 | -32.3 | 280.6 | 8.6 | 8.4 | -2.5 | 320.3 | 322.4 | 0.6 | 39.8 | 6.4 | 52 |
| 23.4 | 69.4 | 7010.0 | 400.0 | -25.7 | -39.8 | 290.7 | 8.4 | 7.9 | -3.0 | 321.6 | 322.7 | 0.3 | 25.1 | 6.3 | 57 |
| 25.2 | 72.9 | 7452.3 | 375.0 | -29.5 | -45.9 | 285.7 | 10.1 | 9.7 | -2.7 | 322.5 | 323.1 | 0.2 | 1 | 7.1 | 62 |
| 26.7 | 76.6 | 7916.3 | 350.0 | -33.1 | -55.2 | 270.8 | 10.9 | 10.8 | -1.9 | 324.1 | 324.4 | 0.1 | 1 | 8 | 67 |
| 28.5 | 80.4 | 8404.7 | 325.0 | -37.0 | -64.9 | 270.5 | 11.3 | 11.3 | -0.1 | 327.1 | 325.8 | 0.0 | 1 | 9.2 | 70 |
| 30.2 | 84.3 | 8922.1 | 300.0 | -41.3 | -74.9 | 273.6 | 12.6 | 12.5 | -0.1 | 329.3 | 329.9 | 99.9 | 99.9 | 10.5 | 73 |
| 32.1 | 88.5 | 9470.5 | 275.0 | -45.5 | -84.9 | 283.7 | 14.3 | 13.9 | -3.4 | 330.3 | 329.9 | 99.9 | 99.9 | 11.7 | 75 |
| 34.2 | 92.9 | 10064.3 | 250.0 | -51.0 | -99.9 | 284.1 | 15.0 | 14.5 | -3.7 | 332.9 | 329.9 | 99.9 | 99.9 | 13.4 | 78 |
| 36.3 | 97.6 | 10684.3 | 225.0 | -55.9 | -109.9 | 285.2 | 16.1 | 15.5 | -4.2 | 334.6 | 329.9 | 99.9 | 99.9 | 15.0 | 81 |
| 38.3 | 102.4 | 11342.8 | 200.0 | -60.7 | -119.9 | 285.2 | 17.2 | 17.0 | -4.5 | 336.6 | 329.9 | 99.9 | 99.9 | 17.3 | 84 |
| 40.3 | 107.9 | 12103.8 | 175.0 | -62.4 | -129.9 | 283.2 | 17.7 | 17.2 | -4.5 | 341.3 | 329.9 | 99.9 | 99.9 | 19.9 | 87 |
| 43.7 | 113.5 | 12929.0 | 150.0 | -63.2 | -139.9 | 283.2 | 17.7 | 17.2 | -4.5 | 341.3 | 329.9 | 99.9 | 99.9 | 22.9 | 89 |
| 46.5 | 119.8 | 13878.1 | 125.0 | -61.0 | -149.9 | 283.2 | 17.7 | 17.2 | -4.5 | 341.3 | 329.9 | 99.9 | 99.9 | 27.6 | 90 |
| 50.2 | 127.0 | 15018.5 | 100.0 | -59.9 | -159.9 | 283.2 | 17.7 | 17.2 | -4.5 | 341.3 | 329.9 | 99.9 | 99.9 | 29.9 | 90 |
| 54.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 58.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 62.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 66.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 70.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 74.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 78.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 82.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 86.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 90.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 94.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 98.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 102.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 106.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 110.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 114.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 118.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 122.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 126.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 130.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 134.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 138.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 142.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 146.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 150.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 154.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 158.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 162.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 166.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 170.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 174.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 178.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 182.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 186.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 190.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 194.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 198.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 202.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 206.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 210.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 214.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 218.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 222.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 226.3 | 99.9 | 99.9 | 99.9 | | | | | | | | | | | | |

STATION NO. 17
 POPLAR BLUFF, MISSOURI

 19 APRIL 1979
 2120 GMT

| TIME MM | CHCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | J COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO CM/RS | RM PCT | RANGE K4 | AZ DG |
|------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 00 | 6.7 | 100.0 | 1007.0 | 22.5 | 9.3 | 110.0 | 1.5 | -1.4 | 0.5 | 295.1 | 314.7 | 7.3 | 43.0 | 0.0 | 0.0 |
| 01 | 5.3 | 160.0 | 1000.0 | 22.1 | 8.9 | 84.5 | 2.1 | -2.1 | -0.2 | 295.2 | 314.5 | 7.2 | 42.9 | 0.1 | 327.0 |
| 02 | 7.7 | 370.0 | 975.0 | 20.0 | 8.2 | 77.2 | 2.8 | -2.7 | -0.6 | 295.3 | 314.2 | 7.0 | 48.4 | 0.2 | 286.0 |
| 03 | 10.1 | 603.0 | 950.0 | 17.7 | 7.3 | 120.1 | 3.9 | -3.1 | 2.4 | 295.2 | 313.3 | 6.7 | 49.9 | 0.3 | 281.0 |
| 04 | 12.5 | 831.2 | 925.0 | 17.6 | 7.3 | 179.4 | 7.5 | -0.1 | 7.5 | 297.4 | 316.3 | 7.0 | 50.0 | 0.5 | 307.0 |
| 05 | 15.0 | 1265.5 | 900.0 | 16.9 | 8.4 | 185.7 | 8.7 | 0.7 | 8.7 | 299.0 | 320.0 | 7.7 | 57.2 | 0.9 | 340.0 |
| 06 | 17.4 | 1305.3 | 875.0 | 15.4 | 5.3 | 181.2 | 7.6 | 0.2 | 7.6 | 299.0 | 317.4 | 6.4 | 50.9 | 1.3 | 347.0 |
| 07 | 19.9 | 1550.2 | 850.0 | 13.2 | 6.6 | 102.1 | 6.6 | 1.4 | 6.5 | 300.0 | 319.0 | 7.2 | 64.2 | 1.7 | 351.0 |
| 08 | 22.5 | 1400.7 | 825.0 | 11.1 | 5.9 | 205.7 | 7.5 | 3.4 | 6.7 | 300.3 | 319.0 | 7.1 | 70.4 | 2.1 | 356.0 |
| 09 | 25.1 | 2256.9 | 800.0 | 8.0 | 2.1 | 219.4 | 8.0 | 5.1 | 6.2 | 300.5 | 316.1 | 5.6 | 62.7 | 2.5 | 4.0 |
| 10 | 27.7 | 2319.1 | 775.0 | 6.6 | 2.6 | 220.2 | 8.6 | 5.6 | 6.6 | 300.9 | 317.5 | 6.0 | 76.1 | 2.9 | 10.0 |
| 11 | 30.3 | 2567.3 | 750.0 | 4.2 | -0.2 | 223.8 | 7.6 | 5.2 | 5.5 | 301.1 | 315.4 | 5.1 | 73.2 | 3.4 | 15.0 |
| 12 | 33.0 | 2912.6 | 725.0 | 2.8 | 1.1 | 245.0 | 4.2 | 3.0 | 1.0 | 302.6 | 316.6 | 5.7 | 88.3 | 3.7 | 18.0 |
| 13 | 35.6 | 3117.4 | 700.0 | 2.7 | 0.7 | 291.3 | 2.1 | 2.0 | -0.8 | 305.5 | 321.9 | 5.8 | 85.9 | 3.8 | 20.0 |
| 14 | 38.6 | 3461.3 | 675.0 | 1.4 | -1.5 | 301.3 | 1.9 | 1.7 | -1.0 | 306.9 | 321.9 | 5.1 | 83.0 | 3.8 | 22.0 |
| 15 | 41.4 | 3744.3 | 650.0 | -0.6 | -3.3 | 308.7 | 4.0 | 4.2 | -2.3 | 308.7 | 321.7 | 4.4 | 81.9 | 3.8 | 25.0 |
| 16 | 44.3 | 4097.0 | 625.0 | -2.4 | -5.5 | 310.3 | 7.4 | 5.7 | -0.8 | 309.7 | 321.7 | 4.1 | 79.0 | 3.7 | 32.0 |
| 17 | 47.2 | 4352.0 | 600.0 | -4.9 | -7.6 | 322.7 | 8.6 | 5.2 | -0.8 | 310.5 | 321.2 | 3.6 | 81.0 | 3.6 | 41.0 |
| 18 | 50.1 | 4714.0 | 575.0 | -6.5 | -11.3 | 313.2 | 8.7 | 6.4 | -6.0 | 312.4 | 320.9 | 2.8 | 68.0 | 3.5 | 51.0 |
| 19 | 53.3 | 5360.5 | 550.0 | -8.3 | -16.6 | 307.8 | 9.1 | 7.2 | -5.5 | 314.3 | 320.2 | 1.9 | 51.2 | 3.8 | 62.0 |
| 20 | 56.4 | 5420.4 | 525.0 | -10.4 | -21.6 | 300.6 | 9.3 | 7.2 | -5.8 | 316.0 | 320.1 | 1.3 | 39.2 | 4.1 | 71.0 |
| 21 | 59.5 | 5794.6 | 500.0 | -12.2 | -31.1 | 301.3 | 10.0 | 8.6 | -5.2 | 318.1 | 320.1 | 0.6 | 19.0 | 4.6 | 79.0 |
| 22 | 62.9 | 6184.6 | 475.0 | -15.3 | -29.1 | 291.8 | 10.6 | 9.9 | -4.0 | 319.1 | 321.5 | 0.7 | 29.5 | 5.4 | 85.0 |
| 23 | 66.1 | 6590.7 | 450.0 | -18.3 | -29.8 | 289.7 | 10.4 | 10.0 | -3.4 | 320.2 | 322.2 | 0.6 | 35.6 | 6.3 | 89.0 |
| 24 | 69.7 | 7014.2 | 425.0 | -22.5 | -31.9 | 287.2 | 12.6 | 11.5 | -3.5 | 320.1 | 322.2 | 0.6 | 41.9 | 7.3 | 92.0 |
| 25 | 73.3 | 7456.4 | 400.0 | -26.0 | -31.3 | 291.2 | 12.8 | 11.9 | -4.6 | 321.3 | 323.6 | 0.7 | 60.8 | 8.6 | 94.0 |
| 26 | 77.0 | 7920.4 | 375.0 | -29.5 | -36.1 | 303.6 | 12.0 | 10.0 | -6.7 | 322.5 | 324.1 | 0.5 | 52.7 | 9.9 | 97.0 |
| 27 | 80.9 | 8409.4 | 350.0 | -33.6 | -40.4 | 303.4 | 10.7 | 8.9 | -5.9 | 323.5 | 324.6 | 0.3 | 49.9 | 10.9 | 100.0 |
| 28 | 84.9 | 8924.4 | 325.0 | -37.9 | -47.5 | 299.4 | 12.6 | 11.0 | -6.2 | 324.4 | 325.0 | 0.2 | 35.4 | 12.1 | 102.0 |
| 29 | 89.0 | 9473.0 | 300.0 | -40.7 | -49.9 | 300.7 | 14.6 | 12.6 | -7.5 | 326.1 | 329.9 | 0.9 | 99.9 | 13.8 | 104.0 |
| 30 | 93.5 | 10060.7 | 275.0 | -43.1 | -49.9 | 297.0 | 15.7 | 14.0 | -7.1 | 330.0 | 329.9 | 0.9 | 99.9 | 15.9 | 107.0 |
| 31 | 98.2 | 10699.8 | 250.0 | -50.5 | -49.9 | 294.0 | 16.5 | 15.1 | -6.7 | 331.9 | 329.9 | 0.9 | 99.9 | 18.1 | 108.0 |
| 32 | 103.2 | 11370.3 | 225.0 | -55.3 | -49.9 | 293.6 | 16.7 | 15.2 | -7.0 | 333.8 | 329.9 | 0.9 | 99.9 | 20.7 | 108.0 |
| 33 | 108.4 | 12144.2 | 200.0 | -59.7 | -49.9 | 283.2 | 17.0 | 16.4 | -4.5 | 329.2 | 329.9 | 0.9 | 99.9 | 23.2 | 107.0 |
| 34 | 114.7 | 12741.5 | 175.0 | -62.9 | -49.9 | 281.5 | 19.0 | 18.6 | -3.8 | 346.2 | 329.9 | 0.9 | 99.9 | 26.8 | 106.0 |
| 35 | 120.5 | 13400.7 | 150.0 | -62.3 | -49.9 | 282.3 | 20.2 | 19.7 | -4.3 | 342.8 | 329.9 | 0.9 | 99.9 | 30.2 | 107.0 |
| 36 | 127.5 | 15021.3 | 125.0 | -62.1 | -49.9 | 99.9 | 99.9 | 99.9 | 99.9 | 342.5 | 329.9 | 0.9 | 99.9 | 35.6 | 106.0 |
| 37 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 38 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 39 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 40 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 17
POPULAR BLUFF, MISSOURI

19 APRIL 1979

131 101. 0

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MR ATO GM/KG | 2M PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.3 | 5.5 | 100.0 | 1006.0 | 21.0 | 10.5 | 100.0 | 1.0 | -1.0 | 0.2 | 293.7 | 316.8 | 8.0 | 51.0 | 0.0 | 0. |
| 0.1 | 6.0 | 151.9 | 1000.0 | 22.0 | 11.4 | 98.0 | 6.5 | -6.6 | 0.9 | 295.1 | 317.7 | 8.5 | 50.9 | 0.2 | 278. |
| 0.9 | 8.4 | 370.9 | 975.0 | 19.6 | 9.9 | 110.5 | 6.7 | -6.3 | 2.4 | 295.9 | 316.0 | 7.9 | 51.6 | 0.3 | 280. |
| 1.7 | 10.7 | 593.9 | 950.0 | 18.1 | 8.0 | 140.3 | 6.9 | -4.4 | 5.3 | 295.6 | 316.8 | 7.1 | 51.6 | 0.7 | 290. |
| 2.5 | 13.1 | 822.4 | 925.0 | 17.1 | 9.1 | 171.4 | 7.5 | -1.1 | 7.4 | 297.8 | 319.2 | 7.9 | 55.6 | 0.9 | 308. |
| 3.4 | 15.5 | 1057.0 | 900.0 | 16.8 | 8.6 | 184.6 | 7.9 | 0.6 | 7.9 | 298.8 | 320.2 | 7.9 | 55.6 | 1.2 | 323. |
| 4.4 | 18.7 | 1296.5 | 875.0 | 14.6 | 7.6 | 183.9 | 8.2 | 0.6 | 8.2 | 299.0 | 320.1 | 7.5 | 62.7 | 1.6 | 335. |
| 5.2 | 20.5 | 1541.4 | 850.0 | 12.6 | 7.1 | 185.2 | 8.7 | 0.8 | 8.6 | 299.6 | 320.1 | 7.5 | 66.5 | 2.0 | 340. |
| 6.2 | 23.0 | 1791.6 | 825.0 | 10.6 | 5.2 | 198.4 | 8.1 | 2.6 | 7.7 | 299.8 | 318.5 | 6.8 | 69.3 | 2.4 | 346. |
| 7.3 | 25.5 | 2047.8 | 800.0 | 9.1 | 1.1 | 206.7 | 6.4 | 2.9 | 5.8 | 300.8 | 315.4 | 5.2 | 57.4 | 2.7 | 351. |
| 7.9 | 28.1 | 2110.0 | 775.0 | 6.8 | -2.0 | 208.3 | 4.3 | 2.0 | 3.6 | 301.1 | 313.3 | 4.3 | 53.4 | 2.9 | 355. |
| 8.3 | 30.7 | 2578.8 | 750.0 | 4.9 | -2.7 | 220.6 | 2.7 | 1.7 | 2.0 | 301.9 | 313.9 | 4.2 | 57.7 | 3.1 | 357. |
| 9.3 | 33.3 | 2355.5 | 725.0 | 4.3 | 1.3 | 259.2 | 1.8 | 1.8 | 0.3 | 304.2 | 320.5 | 5.8 | 60.7 | 3.2 | 358. |
| 10.1 | 36.1 | 3140.7 | 700.0 | 2.8 | -0.5 | 307.9 | 3.0 | 2.3 | -1.8 | 305.6 | 320.7 | 5.3 | 78.5 | 3.1 | 1. |
| 12.1 | 39.4 | 3438.7 | 675.0 | 1.4 | -2.3 | 336.7 | 6.5 | 2.6 | -5.9 | 307.3 | 321.2 | 4.8 | 76.2 | 2.9 | 4. |
| 13.1 | 41.6 | 3738.2 | 650.0 | -0.1 | -3.8 | 351.7 | 9.3 | 1.3 | -9.2 | 308.9 | 321.9 | 4.5 | 76.0 | 2.4 | 8. |
| 14.2 | 44.4 | 4051.4 | 625.0 | -1.8 | -9.7 | 354.5 | 8.4 | 0.8 | -8.4 | 310.4 | 319.3 | 2.9 | 55.0 | 1.9 | 12. |
| 15.2 | 47.4 | 4375.0 | 600.0 | -4.3 | -12.5 | 349.6 | 8.3 | 1.5 | -8.2 | 311.2 | 318.6 | 2.4 | 52.6 | 1.3 | 20. |
| 16.3 | 50.1 | 4709.0 | 575.0 | -6.5 | -17.6 | 337.8 | 8.4 | 3.2 | -7.8 | 312.4 | 320.1 | 2.5 | 61.8 | 0.9 | 37. |
| 17.5 | 53.4 | 5055.0 | 550.0 | -9.9 | -18.5 | 324.9 | 10.1 | 5.8 | -8.3 | 313.6 | 318.7 | 1.6 | 45.6 | 0.9 | 80. |
| 18.5 | 56.4 | 5414.0 | 525.0 | -10.7 | -24.1 | 323.4 | 9.9 | 5.9 | -8.0 | 315.5 | 319.1 | 1.1 | 33.9 | 1.4 | 107. |
| 19.1 | 59.6 | 5788.0 | 500.0 | -12.8 | -28.3 | 311.7 | 9.2 | 6.8 | -6.1 | 317.4 | 319.9 | 0.7 | 25.8 | 2.0 | 119. |
| 21.1 | 63.0 | 6177.3 | 475.0 | -15.4 | -30.3 | 307.4 | 9.9 | 7.8 | -6.0 | 319.0 | 321.2 | 0.6 | 26.4 | 2.6 | 121. |
| 22.7 | 66.3 | 6593.1 | 450.0 | -19.0 | -29.9 | 303.9 | 10.4 | 8.6 | -5.8 | 319.4 | 321.8 | 0.7 | 37.3 | 3.6 | 122. |
| 24.2 | 69.9 | 7005.7 | 425.0 | -22.5 | -31.4 | 306.3 | 10.9 | 8.0 | -6.5 | 320.1 | 322.3 | 0.6 | 44.0 | 4.6 | 122. |
| 25.7 | 73.4 | 7448.4 | 400.0 | -25.6 | -35.3 | 311.2 | 10.6 | 8.0 | -7.0 | 321.8 | 323.4 | 0.5 | 39.3 | 5.5 | 122. |
| 27.1 | 77.1 | 7713.3 | 375.0 | -29.1 | -39.0 | 308.4 | 10.0 | 7.8 | -6.2 | 322.8 | 324.0 | 0.3 | 38.2 | 6.5 | 122. |
| 28.9 | 80.9 | 8402.3 | 350.0 | -33.2 | -45.0 | 297.3 | 12.3 | 11.0 | -5.7 | 324.0 | 324.7 | 0.2 | 23.4 | 7.5 | 122. |
| 30.5 | 84.8 | 8929.3 | 325.0 | -35.9 | -53.6 | 300.6 | 13.7 | 11.8 | -6.9 | 327.3 | 327.6 | 0.1 | 14.1 | 8.9 | 122. |
| 32.3 | 89.0 | 9472.5 | 300.0 | -39.6 | -59.9 | 305.0 | 15.5 | 12.7 | -8.9 | 329.6 | 329.9 | 0.9 | 99.9 | 10.6 | 122. |
| 34.5 | 93.3 | 10061.1 | 275.0 | -45.2 | -99.9 | 313.8 | 15.0 | 10.8 | -10.4 | 329.6 | 329.9 | 0.9 | 99.9 | 12.4 | 122. |
| 36.7 | 98.0 | 10649.7 | 250.0 | -50.5 | -99.9 | 310.7 | 15.8 | 12.0 | -10.3 | 331.0 | 329.9 | 0.9 | 99.9 | 14.3 | 122. |
| 38.3 | 103.0 | 11169.4 | 225.0 | -55.4 | -99.9 | 303.3 | 16.9 | 14.1 | -9.3 | 333.6 | 329.9 | 0.9 | 99.9 | 16.5 | 122. |
| 41.1 | 108.3 | 12110.7 | 200.0 | -60.8 | -99.9 | 288.0 | 18.6 | 17.7 | -5.7 | 336.6 | 329.9 | 0.9 | 99.9 | 18.8 | 122. |
| 43.5 | 114.0 | 12931.5 | 175.0 | -64.1 | -99.9 | 280.6 | 21.1 | 20.8 | -3.9 | 344.1 | 329.9 | 0.9 | 99.9 | 21.8 | 122. |
| 46.3 | 120.3 | 13979.7 | 150.0 | -63.4 | -99.9 | 283.6 | 21.6 | 21.6 | -5.1 | 361.0 | 329.9 | 0.9 | 99.9 | 25.5 | 118. |
| 50.4 | 127.3 | 15002.2 | 125.0 | -61.7 | -99.9 | 289.6 | 25.0 | 23.6 | -8.4 | 363.3 | 329.9 | 0.9 | 99.9 | 30.2 | 117. |
| 99.9 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 17
 POPLAR BLUFF, MISSOURI

 20 APRIL 1979
 240 GMT

| TIME MIN | CNTCT | WEIGHT GPM | PRES 40 | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MR RTO GM/KG | RM P-T | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.7 | 6.1 | 100.0 | 1006.6 | 15.5 | 10.5 | 0.0 | 0.0 | 0.0 | 0.0 | 288.1 | 308.7 | 7.9 | 72.0 | 0.2 | 0. |
| 0.3 | 6.7 | 156.1 | 1000.0 | 16.6 | 8.3 | 83.9 | 6.4 | -6.3 | -0.7 | 289.8 | 307.9 | 6.9 | 58.3 | 0.1 | 309. |
| 1.1 | 9.1 | 373.3 | 975.0 | 20.7 | 9.0 | 131.4 | 9.6 | -7.2 | 6.3 | 290.0 | 315.9 | 7.4 | 40.8 | 0.5 | 299. |
| 1.9 | 11.5 | 597.9 | 950.0 | 20.1 | 8.0 | 153.3 | 9.1 | -4.1 | 8.1 | 297.6 | 317.0 | 7.1 | 45.8 | 0.5 | 310. |
| 2.7 | 13.7 | 827.7 | 925.0 | 19.4 | 8.9 | 173.4 | 8.7 | -1.0 | 8.7 | 299.1 | 320.3 | 7.8 | 50.6 | 1.3 | 320. |
| 3.6 | 16.2 | 1052.9 | 900.0 | 17.8 | 9.3 | 179.8 | 8.9 | -0.0 | 8.9 | 299.8 | 322.1 | 8.2 | 57.5 | 1.7 | 331. |
| 4.4 | 18.6 | 1303.2 | 875.0 | 15.4 | 8.7 | 191.6 | 8.4 | 1.7 | 8.3 | 299.8 | 321.8 | 8.1 | 64.0 | 2.1 | 337. |
| 5.3 | 21.1 | 1548.3 | 850.0 | 13.1 | 8.2 | 198.5 | 8.7 | 2.8 | 8.3 | 299.8 | 321.9 | 8.1 | 72.5 | 2.4 | 344. |
| 6.2 | 23.6 | 1798.9 | 825.0 | 10.8 | 9.1 | 203.2 | 9.6 | 3.8 | 8.8 | 300.0 | 322.5 | 8.3 | 83.6 | 2.8 | 350. |
| 7.1 | 26.1 | 2055.1 | 800.0 | 8.8 | 5.4 | 205.9 | 8.4 | 3.7 | 7.6 | 300.6 | 320.0 | 7.1 | 78.9 | 3.3 | 356. |
| 8.1 | 28.7 | 2317.6 | 775.0 | 7.2 | 1.0 | 188.8 | 5.7 | 0.9 | 5.6 | 301.6 | 316.5 | 5.3 | 64.6 | 3.6 | 358. |
| 9.3 | 31.2 | 2546.7 | 750.0 | 5.5 | 0.5 | 176.6 | 3.9 | -0.2 | 3.9 | 302.5 | 317.5 | 5.3 | 70.3 | 3.9 | 358. |
| 10.1 | 33.9 | 2763.9 | 725.0 | 4.5 | 0.7 | 157.0 | 1.5 | -0.6 | 1.4 | 304.5 | 320.2 | 5.6 | 75.8 | 4.0 | 358. |
| 11.1 | 36.4 | 3149.7 | 700.0 | 3.4 | -1.5 | 39.0 | 3.3 | -2.0 | -2.5 | 306.2 | 320.4 | 4.9 | 70.7 | 4.0 | 357. |
| 12.1 | 39.3 | 3444.2 | 675.0 | 1.5 | -2.7 | 15.0 | 5.8 | -1.5 | -5.6 | 307.3 | 320.8 | 4.7 | 73.5 | 3.7 | 356. |
| 13.2 | 42.1 | 3747.6 | 650.0 | -0.3 | -5.8 | 7.5 | 7.7 | -1.0 | -7.6 | 308.6 | 319.9 | 3.8 | 66.3 | 3.3 | 356. |
| 14.3 | 44.9 | 4060.7 | 625.0 | -2.0 | -9.0 | 7.9 | 8.9 | -1.2 | -8.0 | 310.2 | 319.4 | 3.1 | 58.5 | 2.4 | 351. |
| 15.5 | 47.4 | 4383.8 | 600.0 | -4.7 | -10.6 | 4.0 | 8.6 | -0.6 | -8.6 | 310.6 | 319.2 | 2.8 | 63.3 | 2.1 | 346. |
| 16.7 | 50.9 | 4717.2 | 575.0 | -6.9 | -17.7 | 358.7 | 7.4 | 0.2 | -7.4 | 311.9 | 317.1 | 1.6 | 41.8 | 1.6 | 341. |
| 17.9 | 53.9 | 5062.3 | 550.0 | -10.0 | -16.7 | 354.7 | 7.1 | 0.6 | -7.0 | 312.2 | 314.1 | 1.9 | 57.9 | 1.1 | 333. |
| 19.1 | 56.9 | 5420.4 | 525.0 | -10.8 | -25.0 | 352.4 | 7.0 | 0.9 | -7.0 | 315.4 | 318.6 | 1.0 | 30.2 | 0.6 | 315. |
| 20.5 | 60.1 | 5793.9 | 500.0 | -13.0 | -37.0 | 337.6 | 8.0 | 1.0 | -7.4 | 317.2 | 318.3 | 0.3 | 11.2 | 0.4 | 250. |
| 21.5 | 63.4 | 6192.7 | 475.0 | -15.9 | -32.1 | 323.9 | 7.1 | 4.2 | -5.8 | 318.3 | 320.2 | 0.5 | 23.2 | 0.7 | 181. |
| 23.2 | 66.6 | 6538.3 | 450.0 | -19.1 | -33.1 | 326.3 | 7.5 | 4.2 | -6.2 | 319.2 | 321.0 | 0.5 | 27.8 | 1.2 | 161. |
| 24.7 | 70.0 | 7010.3 | 425.0 | -21.8 | -31.3 | 327.8 | 7.1 | 3.8 | -6.9 | 321.0 | 323.2 | 0.6 | 41.6 | 1.9 | 157. |
| 26.2 | 73.6 | 7453.7 | 400.0 | -25.3 | -38.0 | 323.0 | 7.4 | 4.4 | -5.9 | 322.1 | 323.4 | 0.4 | 29.2 | 2.5 | 154. |
| 27.3 | 77.3 | 7918.7 | 375.0 | -29.8 | -44.3 | 316.3 | 9.7 | 6.7 | -7.0 | 323.4 | 324.2 | 0.2 | 20.9 | 3.3 | 151. |
| 29.6 | 81.2 | 8429.0 | 350.0 | -31.9 | -52.4 | 306.7 | 12.0 | 9.7 | -7.2 | 325.7 | 326.1 | 0.1 | 11.0 | 4.4 | 146. |
| 31.5 | 85.2 | 8929.6 | 325.0 | -35.3 | -49.3 | 301.5 | 11.5 | 9.8 | -6.0 | 326.0 | 328.5 | 0.1 | 22.0 | 5.7 | 140. |
| 33.4 | 89.3 | 9481.4 | 300.0 | -40.2 | 99.9 | 305.2 | 10.1 | 8.3 | -5.8 | 328.8 | 999.9 | 99.9 | 999.9 | 6.9 | 137. |
| 35.5 | 93.4 | 10088.1 | 275.0 | -45.7 | 99.9 | 299.1 | 10.7 | 9.3 | -5.7 | 329.0 | 999.9 | 99.9 | 999.9 | 8.2 | 135. |
| 37.7 | 98.4 | 10696.3 | 250.0 | -51.1 | 99.9 | 280.5 | 13.2 | 13.0 | -2.4 | 330.1 | 999.9 | 99.9 | 999.9 | 9.5 | 131. |
| 40.2 | 103.4 | 11373.1 | 225.0 | -56.5 | 99.9 | 271.5 | 15.3 | 15.3 | -0.4 | 332.0 | 999.9 | 99.9 | 999.9 | 11.2 | 125. |
| 42.4 | 108.4 | 12111.4 | 200.0 | -61.9 | 99.9 | 278.5 | 20.6 | 20.4 | -3.0 | 334.6 | 999.9 | 99.9 | 999.9 | 13.3 | 120. |
| 44.9 | 114.6 | 12929.8 | 175.0 | -66.2 | 99.9 | 283.2 | 23.9 | 23.3 | -5.5 | 340.6 | 999.9 | 99.9 | 999.9 | 16.7 | 116. |
| 47.7 | 121.0 | 13867.5 | 150.0 | -63.8 | 99.9 | 287.7 | 23.4 | 22.3 | -7.1 | 346.2 | 999.9 | 99.9 | 999.9 | 20.7 | 114. |
| 50.9 | 128.0 | 14993.7 | 125.0 | -62.9 | 99.9 | 301.5 | 21.5 | 18.3 | -11.2 | 381.2 | 999.9 | 99.9 | 999.9 | 24.6 | 114. |
| 52.3 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 59.3 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 17
POPLAR BLUFF, MISSOURI

20 APRIL 1979
533 GMT

131 101. 0

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DS C | DEW PT DS C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.2 | 6.1 | 100.0 | 1007.5 | 14.5 | 10.1 | 50.0 | 1.0 | -0.8 | -0.6 | 287.0 | 307.0 | 7.8 | 75.0 | 0.0 | 0. |
| 0.2 | 6.8 | 163.7 | 1000.0 | 17.7 | 8.5 | 105.5 | 11.9 | -11.4 | 3.4 | 290.8 | 309.2 | 7.0 | 55.6 | 0.1 | 309. |
| 1.2 | 9.2 | 341.9 | 975.0 | 21.1 | 5.6 | 140.2 | 10.9 | -7.0 | 8.4 | 296.4 | 312.4 | 5.9 | 36.4 | 0.6 | 301. |
| 2.2 | 11.5 | 606.5 | 950.0 | 20.2 | 7.0 | 173.2 | 9.4 | -1.1 | 9.4 | 297.7 | 315.8 | 6.7 | 42.4 | 1.0 | 320. |
| 2.9 | 14.2 | 315.9 | 925.0 | 18.5 | 7.0 | 186.6 | 10.9 | 1.3 | 10.9 | 298.2 | 316.9 | 6.8 | 47.1 | 1.5 | 335. |
| 3.5 | 16.4 | 1370.3 | 900.0 | 16.6 | 6.4 | 192.6 | 11.2 | 2.4 | 10.9 | 298.7 | 317.1 | 6.7 | 50.9 | 1.9 | 343. |
| 4.6 | 18.9 | 1309.5 | 875.0 | 14.2 | 8.5 | 201.0 | 9.6 | 3.5 | 9.0 | 298.5 | 320.1 | 8.0 | 68.4 | 2.4 | 351. |
| 5.5 | 21.4 | 1551.8 | 850.0 | 11.8 | 8.4 | 198.5 | 9.6 | 3.0 | 9.1 | 298.6 | 320.7 | 8.2 | 79.5 | 2.9 | 356. |
| 6.4 | 24.0 | 1523.1 | 825.0 | 9.9 | 4.5 | 203.9 | 9.5 | 3.8 | 6.7 | 299.1 | 316.7 | 6.4 | 69.0 | 3.3 | 360. |
| 7.3 | 26.5 | 2359.4 | 800.0 | 9.0 | 3.9 | 203.1 | 9.6 | 4.1 | 8.7 | 299.7 | 317.4 | 6.4 | 76.3 | 3.9 | 4. |
| 8.3 | 29.1 | 2319.9 | 775.0 | 6.2 | 1.1 | 200.9 | 7.1 | 2.5 | 6.6 | 300.5 | 315.5 | 5.3 | 69.4 | 4.4 | 6. |
| 9.4 | 31.7 | 2598.3 | 750.0 | 4.0 | 0.3 | 190.6 | 4.2 | 0.8 | 4.1 | 301.8 | 316.5 | 5.2 | 72.4 | 4.7 | 7. |
| 10.4 | 34.3 | 2364.8 | 725.0 | 3.9 | -0.3 | 118.9 | 3.0 | -2.6 | 1.5 | 303.8 | 318.5 | 5.2 | 74.0 | 4.9 | 7. |
| 11.4 | 37.1 | 3150.0 | 700.0 | 3.2 | -2.1 | 71.4 | 5.1 | -4.8 | -1.6 | 306.1 | 319.6 | 4.7 | 68.0 | 4.8 | 4. |
| 12.5 | 39.2 | 3444.3 | 675.0 | 1.5 | -4.4 | 47.1 | 6.2 | -4.5 | -4.2 | 307.3 | 319.3 | 4.1 | 64.8 | 4.6 | 360. |
| 13.5 | 42.7 | 3747.3 | 650.0 | -0.8 | -7.2 | 33.3 | 7.1 | -3.9 | -5.9 | 308.1 | 318.2 | 3.4 | 61.6 | 4.2 | 356. |
| 14.3 | 45.6 | 4359.7 | 625.0 | -2.7 | -11.8 | 28.7 | 7.5 | -3.6 | -6.6 | 309.3 | 316.8 | 2.5 | 49.4 | 3.8 | 352. |
| 16.2 | 49.4 | 4391.4 | 600.0 | -5.5 | -12.2 | 32.1 | 6.7 | -3.6 | -5.7 | 309.7 | 317.3 | 2.5 | 59.2 | 3.4 | 346. |
| 17.1 | 51.4 | 4714.4 | 575.0 | -7.5 | -15.8 | 35.5 | 5.1 | -3.1 | -4.0 | 311.2 | 317.3 | 1.9 | 51.3 | 3.2 | 341. |
| 18.1 | 54.5 | 5058.6 | 550.0 | -10.4 | -18.1 | 32.9 | 4.9 | -2.7 | -4.1 | 311.7 | 317.0 | 1.7 | 53.4 | 3.0 | 335. |
| 19.7 | 57.4 | 5416.3 | 525.0 | -10.9 | -18.4 | 357.4 | 4.9 | 0.2 | -4.9 | 315.3 | 316.1 | 0.2 | 7.6 | 2.7 | 329. |
| 21.2 | 60.8 | 5730.3 | 500.0 | -12.5 | -16.8 | 327.7 | 4.4 | 2.2 | -3.9 | 317.8 | 318.2 | 0.1 | 3.8 | 2.3 | 328. |
| 22.5 | 64.0 | 6179.5 | 475.0 | -15.4 | -18.4 | 335.2 | 4.1 | 1.7 | -3.7 | 319.0 | 320.0 | 0.3 | 11.8 | 2.0 | 328. |
| 24.2 | 67.4 | 6595.8 | 450.0 | -18.1 | -19.2 | 340.9 | 4.2 | 1.4 | -4.0 | 320.5 | 321.5 | 0.3 | 13.6 | 1.6 | 325. |
| 25.6 | 70.9 | 7099.8 | 425.0 | -21.4 | -17.7 | 324.3 | 4.9 | 2.8 | -3.9 | 321.6 | 322.1 | 0.1 | 7.1 | 1.2 | 322. |
| 27.4 | 74.4 | 7453.5 | 400.0 | -24.9 | -16.8 | 319.3 | 6.8 | 4.4 | -5.2 | 322.7 | 322.8 | 0.0 | 2.5 | 0.6 | 326. |
| 29.3 | 78.1 | 7919.6 | 375.0 | -29.2 | -10.0 | 313.1 | 7.4 | 5.4 | -5.1 | 324.3 | 324.4 | 0.0 | 2.6 | 0.1 | 147. |
| 31.2 | 82.0 | 8311.3 | 350.0 | -31.9 | -10.0 | 289.9 | 8.9 | 8.4 | -3.0 | 325.7 | 325.8 | 0.0 | 4.3 | 1.0 | 118. |
| 32.7 | 86.0 | 8931.0 | 325.0 | -36.2 | -12.3 | 286.7 | 11.8 | 11.3 | -3.4 | 326.8 | 326.9 | 0.0 | 4.8 | 2.0 | 112. |
| 34.5 | 90.2 | 9490.3 | 300.0 | -41.0 | -9.9 | 284.5 | 13.5 | 13.1 | -3.4 | 327.6 | 327.6 | 99.9 | 99.9 | 3.5 | 110. |
| 36.8 | 94.5 | 10045.5 | 275.0 | -46.5 | -9.9 | 283.5 | 14.8 | 14.2 | -3.9 | 327.9 | 327.9 | 99.9 | 99.9 | 5.3 | 108. |
| 39.2 | 99.2 | 10690.6 | 250.0 | -52.1 | -9.9 | 287.1 | 16.5 | 15.8 | -4.8 | 328.6 | 328.6 | 99.9 | 99.9 | 7.6 | 107. |
| 41.6 | 104.0 | 11365.0 | 225.0 | -56.9 | -9.9 | 293.3 | 18.2 | 16.7 | -7.2 | 331.3 | 331.3 | 99.9 | 99.9 | 10.2 | 108. |
| 44.1 | 109.3 | 12103.6 | 200.0 | -63.8 | -9.9 | 289.6 | 19.4 | 18.3 | -6.5 | 336.6 | 336.6 | 99.9 | 99.9 | 12.8 | 109. |
| 46.7 | 115.0 | 12921.2 | 175.0 | -68.5 | -9.9 | 281.6 | 22.7 | 22.2 | -4.6 | 340.2 | 340.2 | 99.9 | 99.9 | 16.1 | 109. |
| 50.2 | 121.3 | 13954.8 | 150.0 | -65.4 | -9.9 | 290.4 | 23.4 | 22.0 | -8.2 | 357.2 | 357.2 | 99.9 | 99.9 | 21.0 | 107. |
| 53.3 | 128.3 | 14969.1 | 125.0 | -65.2 | -9.9 | 301.1 | 16.9 | 14.5 | -8.7 | 377.0 | 377.0 | 99.9 | 99.9 | 25.1 | 109. |
| 99.9 | 99.7 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
40 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 17
POPLAR BLUFF, MISSOURI

20 APRIL 1979
023 GMT

| TIME UTM | CNTCT | HEIGHT GPM | PRES MD | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | 2M PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.3 | 6.3 | 100.0 | 1005.3 | 13.5 | 10.5 | 110.0 | 1.0 | -0.9 | 0.3 | 286.2 | 306.7 | 8.0 | 82.0 | 0.0 | 0. |
| 0.3 | 6.7 | 144.8 | 1000.0 | 15.0 | 7.5 | 129.3 | 7.9 | -6.1 | 5.0 | 286.2 | 305.4 | 6.6 | 82.2 | 0.1 | 317. |
| 1.0 | 9.1 | 361.7 | 975.0 | 20.7 | 4.8 | 155.8 | 9.7 | -4.0 | 8.8 | 296.0 | 311.3 | 5.6 | 35.3 | 0.5 | 312. |
| 2.0 | 11.5 | 596.0 | 950.0 | 19.6 | 8.9 | 180.6 | 8.2 | 0.1 | 8.2 | 297.1 | 317.5 | 7.6 | 297.1 | 0.9 | 332. |
| 2.7 | 13.8 | 915.0 | 925.0 | 17.8 | 9.5 | 195.0 | 7.3 | 1.9 | 7.1 | 297.6 | 319.3 | 8.1 | 58.0 | 1.3 | 341. |
| 3.7 | 16.3 | 1043.8 | 900.0 | 15.8 | 9.2 | 208.8 | 7.1 | 3.0 | 6.5 | 297.8 | 319.8 | 8.2 | 64.9 | 1.6 | 351. |
| 4.5 | 18.7 | 1297.6 | 875.0 | 13.9 | 8.1 | 203.5 | 7.2 | 2.9 | 6.6 | 298.2 | 319.4 | 7.8 | 69.1 | 1.9 | 357. |
| 5.5 | 21.2 | 1531.5 | 850.0 | 11.6 | 7.5 | 201.8 | 8.1 | 3.0 | 7.5 | 298.3 | 319.2 | 7.7 | 75.7 | 2.3 | 2. |
| 6.5 | 23.8 | 1750.6 | 825.0 | 9.5 | 5.7 | 203.1 | 8.5 | 3.6 | 7.7 | 298.7 | 317.8 | 7.0 | 77.0 | 2.8 | 6. |
| 7.5 | 26.2 | 2235.6 | 800.0 | 8.3 | 3.0 | 218.1 | 7.8 | 4.4 | 6.5 | 300.0 | 316.6 | 6.0 | 69.5 | 3.2 | 9. |
| 8.5 | 28.9 | 2297.9 | 775.0 | 7.1 | 1.7 | 207.9 | 5.8 | 2.7 | 5.1 | 301.4 | 317.2 | 5.6 | 68.8 | 3.6 | 12. |
| 9.5 | 31.4 | 2567.0 | 750.0 | 5.0 | 0.6 | 178.3 | 4.4 | -0.1 | 4.4 | 302.0 | 317.1 | 5.4 | 73.2 | 3.9 | 13. |
| 10.6 | 34.1 | 2843.9 | 725.0 | 4.0 | -1.3 | 119.8 | 5.0 | -4.4 | 2.5 | 304.8 | 318.5 | 4.8 | 64.3 | 4.1 | 10. |
| 11.5 | 36.9 | 3129.7 | 700.0 | 3.3 | -3.8 | 98.6 | 6.1 | -6.0 | 0.5 | 306.1 | 318.1 | 4.1 | 60.0 | 4.1 | 5. |
| 12.3 | 39.6 | 3423.9 | 675.0 | 1.3 | -5.2 | 81.6 | 5.9 | -5.9 | -0.9 | 307.1 | 318.4 | 3.9 | 62.1 | 4.1 | 359. |
| 14.2 | 42.4 | 3726.8 | 650.0 | -0.7 | -8.7 | 63.6 | 5.3 | -4.8 | -2.4 | 308.2 | 317.2 | 3.0 | 54.6 | 4.0 | 354. |
| 15.2 | 45.3 | 4148.9 | 625.0 | -3.2 | -11.4 | 57.4 | 4.6 | -3.9 | -2.5 | 308.9 | 316.6 | 2.6 | 53.0 | 3.9 | 349. |
| 16.1 | 48.2 | 4560.7 | 600.0 | -5.8 | -12.4 | 70.0 | 3.7 | -3.5 | -1.3 | 309.4 | 316.9 | 2.5 | 59.8 | 3.8 | 345. |
| 17.6 | 51.1 | 4922.9 | 575.0 | -7.9 | -16.9 | 49.0 | 1.4 | -1.0 | -0.9 | 310.7 | 316.2 | 1.8 | 48.4 | 3.8 | 362. |
| 19.7 | 54.3 | 5337.3 | 550.0 | -9.4 | -23.4 | 33.3 | 1.2 | 0.6 | -1.1 | 312.9 | 316.3 | 1.1 | 30.9 | 3.8 | 362. |
| 23.1 | 57.3 | 5175.6 | 525.0 | -11.4 | -35.0 | 315.6 | 3.2 | 2.2 | -2.3 | 314.7 | 316.0 | 0.4 | 12.1 | 3.6 | 343. |
| 21.6 | 62.5 | 5768.0 | 500.0 | -13.9 | -37.3 | 297.3 | 3.4 | 3.0 | -1.5 | 316.1 | 317.1 | 0.3 | 11.8 | 3.4 | 346. |
| 22.9 | 63.9 | 6155.3 | 475.0 | -16.5 | -40.5 | 283.0 | 2.3 | 2.3 | -0.5 | 317.6 | 318.4 | 0.2 | 10.4 | 3.2 | 349. |
| 24.4 | 67.1 | 6559.5 | 450.0 | -17.4 | -46.5 | 282.9 | 1.8 | 1.8 | -0.4 | 318.8 | 320.1 | 0.4 | 20.4 | 3.2 | 352. |
| 25.0 | 70.6 | 6982.0 | 425.0 | -22.4 | -44.4 | 303.1 | 2.3 | 2.0 | -1.3 | 320.2 | 320.8 | 0.2 | 11.4 | 3.1 | 355. |
| 27.5 | 74.1 | 7424.1 | 400.0 | -25.5 | -48.8 | 312.2 | 3.5 | 2.6 | -2.4 | 321.8 | 322.2 | 0.1 | 9.1 | 2.9 | 358. |
| 29.7 | 77.9 | 7989.3 | 375.0 | -29.5 | -48.6 | 285.3 | 5.1 | 4.9 | -1.3 | 323.9 | 324.4 | 0.1 | 12.4 | 2.7 | 5. |
| 31.7 | 81.7 | 8379.5 | 350.0 | -32.4 | -51.8 | 285.0 | 8.8 | 8.5 | -2.3 | 325.0 | 325.4 | 0.1 | 12.4 | 2.6 | 21. |
| 32.7 | 85.7 | 8997.6 | 325.0 | -37.0 | -52.5 | 293.1 | 12.3 | 11.3 | -4.8 | 325.7 | 326.1 | 0.1 | 18.0 | 3.0 | 42. |
| 34.7 | 89.9 | 9466.1 | 300.0 | -41.4 | 99.9 | 297.7 | 16.0 | 14.1 | -7.4 | 327.0 | 999.9 | 99.9 | 999.9 | 3.9 | 69. |
| 37.0 | 94.3 | 10330.8 | 275.0 | -46.5 | 99.9 | 291.6 | 16.2 | 15.1 | -6.0 | 327.8 | 999.9 | 99.9 | 999.9 | 5.6 | 85. |
| 39.5 | 99.0 | 10655.9 | 250.0 | -51.4 | 99.9 | 286.6 | 16.2 | 15.5 | -4.6 | 329.7 | 999.9 | 99.9 | 999.9 | 7.9 | 93. |
| 42.0 | 103.9 | 11333.5 | 225.0 | -56.4 | 99.9 | 281.2 | 17.0 | 16.6 | -3.3 | 332.1 | 999.9 | 99.9 | 999.9 | 10.3 | 95. |
| 44.5 | 109.2 | 12071.7 | 200.0 | -67.5 | 99.9 | 275.9 | 21.1 | 21.0 | -2.2 | 333.8 | 999.9 | 99.9 | 999.9 | 13.2 | 96. |
| 47.5 | 115.0 | 12891.3 | 175.0 | -69.8 | 99.9 | 290.4 | 23.5 | 22.0 | -8.2 | 334.7 | 999.9 | 99.9 | 999.9 | 17.3 | 97. |
| 50.7 | 121.3 | 13906.0 | 150.0 | -63.8 | 99.9 | 298.3 | 18.0 | 16.1 | -8.0 | 360.2 | 999.9 | 99.9 | 999.9 | 21.1 | 121. |
| 54.7 | 128.0 | 14226.1 | 125.0 | -64.6 | 99.9 | 281.5 | 16.4 | 16.1 | -3.3 | 378.0 | 999.9 | 99.9 | 999.9 | 24.6 | 102. |
| 54.8 | 136.0 | 16232.6 | 100.0 | -66.8 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 998.6 | 999.9 | 99.9 | 999.9 | 999.9 | 999. |
| 99.7 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999. |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999. |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 17
POPLAR BLUFF, MISSOURI

20 APRIL 1979
1105 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO CM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.3 | 6.3 | 100.0 | 1005.0 | 12.0 | 4.0 | 100.0 | 0.5 | -0.5 | 0.1 | 288.8 | 298.1 | 5.1 | 59.0 | 0.0 | 0. |
| 0.7 | 6.7 | 141.8 | 1000.0 | 12.0 | 9.9 | 140.8 | 6.1 | -3.8 | 4.7 | 285.2 | 999.9 | 99.9 | 999.9 | 0.1 | 328. |
| 1.1 | 9.1 | 356.4 | 975.0 | 20.3 | 6.4 | 172.8 | 9.8 | -1.2 | 9.8 | 295.6 | 312.4 | 6.2 | 43.4 | 0.4 | 341. |
| 1.7 | 11.5 | 580.5 | 950.0 | 19.4 | 9.6 | 182.0 | 8.5 | 0.3 | 8.5 | 296.8 | 318.1 | 7.9 | 51.1 | 0.9 | 349. |
| 2.3 | 13.9 | 809.2 | 925.0 | 17.2 | 9.9 | 192.9 | 7.7 | 1.7 | 7.5 | 296.9 | 319.0 | 7.8 | 58.4 | 1.2 | 355. |
| 3.7 | 16.3 | 1042.8 | 900.0 | 15.9 | 7.1 | 190.6 | 8.2 | 1.5 | 8.0 | 297.9 | 317.1 | 7.1 | 55.0 | 1.7 | 0. |
| 4.3 | 18.9 | 1291.4 | 875.0 | 14.0 | 5.6 | 188.4 | 8.0 | 1.2 | 8.0 | 298.3 | 316.3 | 6.6 | 57.2 | 2.1 | 2. |
| 5.5 | 21.3 | 1525.3 | 850.0 | 12.1 | 3.8 | 192.2 | 8.7 | 1.8 | 8.5 | 298.8 | 315.2 | 6.0 | 57.1 | 2.6 | 3. |
| 6.5 | 23.9 | 1774.7 | 825.0 | 10.4 | 1.8 | 201.4 | 7.8 | 2.9 | 7.3 | 299.6 | 314.3 | 5.3 | 55.3 | 3.0 | 5. |
| 7.4 | 26.4 | 2130.7 | 800.0 | 9.3 | -1.1 | 203.1 | 5.7 | 2.2 | 5.3 | 301.1 | 313.6 | 4.4 | 47.9 | 3.4 | 7. |
| 8.4 | 29.2 | 2293.2 | 775.0 | 7.6 | 1.6 | 187.9 | 3.8 | 0.5 | 3.7 | 302.0 | 317.6 | 5.6 | 65.6 | 3.6 | 8. |
| 9.4 | 31.7 | 2552.8 | 750.0 | 5.5 | 1.1 | 152.0 | 4.2 | -2.0 | 3.7 | 302.6 | 318.2 | 5.6 | 73.3 | 3.9 | 8. |
| 10.4 | 34.7 | 2900.0 | 725.0 | 4.8 | -1.1 | 110.9 | 6.4 | -6.0 | 2.3 | 304.8 | 318.7 | 4.9 | 65.4 | 4.0 | 4. |
| 11.4 | 37.0 | 3125.9 | 700.0 | 3.1 | -4.3 | 90.5 | 7.1 | -7.1 | 0.1 | 305.0 | 317.6 | 4.0 | 58.2 | 4.1 | 357. |
| 12.5 | 39.8 | 3420.3 | 675.0 | 1.4 | -4.9 | 84.8 | 6.5 | -6.5 | -0.6 | 307.3 | 318.8 | 3.9 | 62.6 | 4.1 | 351. |
| 13.5 | 42.6 | 3722.9 | 650.0 | -1.4 | -5.9 | 65.9 | 5.3 | -4.9 | -2.2 | 307.4 | 318.6 | 3.8 | 71.0 | 4.1 | 345. |
| 14.7 | 45.4 | 4034.7 | 625.0 | -3.2 | -10.9 | 46.2 | 4.6 | -3.3 | -3.2 | 308.8 | 316.8 | 2.7 | 56.9 | 4.0 | 341. |
| 15.7 | 49.3 | 4356.3 | 600.0 | -6.0 | -12.7 | 57.4 | 3.0 | -2.5 | -1.6 | 309.2 | 316.5 | 2.4 | 59.2 | 3.9 | 337. |
| 17.1 | 51.3 | 4688.3 | 575.0 | -8.2 | -16.1 | 26.7 | 1.5 | -0.7 | -1.3 | 310.4 | 316.2 | 1.9 | 52.7 | 3.9 | 335. |
| 18.3 | 54.3 | 5032.2 | 550.0 | -10.1 | -23.4 | 335.9 | 1.4 | 0.6 | -1.3 | 312.2 | 315.6 | 1.1 | 32.7 | 3.8 | 335. |
| 19.3 | 57.4 | 5390.4 | 525.0 | -11.1 | -30.2 | 303.2 | 3.1 | 2.6 | -1.7 | 315.1 | 315.9 | 0.2 | 7.0 | 3.6 | 336. |
| 20.7 | 60.6 | 5742.9 | 500.0 | -14.1 | -43.1 | 263.3 | 3.8 | 3.8 | 0.4 | 315.9 | 316.5 | 0.2 | 5.4 | 3.5 | 339. |
| 22.1 | 63.9 | 6150.6 | 475.0 | -16.1 | -46.3 | 252.4 | 3.4 | 3.2 | 1.0 | 318.1 | 318.5 | 0.1 | 5.3 | 3.5 | 344. |
| 23.5 | 67.1 | 6555.3 | 450.0 | -19.2 | -48.0 | 233.7 | 2.5 | 2.4 | 2.9 | 321.1 | 319.6 | 0.1 | 6.7 | 3.5 | 348. |
| 25.1 | 70.7 | 6978.4 | 425.0 | -21.8 | -49.5 | 239.7 | 4.9 | 4.0 | 2.9 | 321.1 | 321.5 | 0.1 | 7.2 | 3.9 | 353. |
| 26.7 | 74.3 | 7422.2 | 400.0 | -24.9 | -49.5 | 259.4 | 5.6 | 5.5 | 1.0 | 322.7 | 323.1 | 0.1 | 7.9 | 3.9 | 0. |
| 28.2 | 77.9 | 7898.4 | 375.0 | -28.2 | -51.8 | 270.6 | 8.1 | 8.1 | -0.1 | 324.3 | 324.6 | 0.1 | 8.3 | 4.0 | 9. |
| 29.7 | 81.7 | 8390.0 | 350.0 | -31.6 | -53.5 | 287.1 | 11.6 | 11.2 | -3.5 | 326.2 | 326.5 | 0.1 | 9.3 | 4.1 | 22. |
| 31.7 | 85.7 | 8890.5 | 325.0 | -36.1 | -49.6 | 303.0 | 12.6 | 10.6 | -6.9 | 326.9 | 327.4 | 0.1 | 23.2 | 4.3 | 41. |
| 33.7 | 90.0 | 9449.7 | 300.0 | -40.8 | 90.9 | 288.1 | 14.0 | 13.3 | -4.3 | 327.9 | 999.9 | 99.9 | 999.9 | 4.8 | 59. |
| 35.3 | 94.3 | 10035.8 | 275.0 | -45.9 | 90.9 | 281.0 | 17.1 | 16.8 | -3.3 | 328.7 | 999.9 | 99.9 | 999.9 | 6.4 | 71. |
| 37.0 | 99.0 | 10662.3 | 250.0 | -51.5 | 90.9 | 277.4 | 20.7 | 20.6 | -2.7 | 329.5 | 999.9 | 99.9 | 999.9 | 8.7 | 79. |
| 40.3 | 104.0 | 11318.9 | 225.0 | -56.8 | 90.9 | 282.6 | 20.5 | 20.0 | -4.5 | 331.4 | 999.9 | 99.9 | 999.9 | 11.4 | 84. |
| 42.7 | 109.3 | 12077.4 | 200.0 | -62.2 | 90.9 | 282.1 | 20.3 | 19.9 | -4.3 | 334.3 | 999.9 | 99.9 | 999.9 | 14.4 | 88. |
| 45.5 | 115.0 | 12894.6 | 175.0 | -68.5 | 90.9 | 289.7 | 19.0 | 18.0 | -6.1 | 336.9 | 999.9 | 99.9 | 999.9 | 17.5 | 91. |
| 48.3 | 121.3 | 13820.1 | 150.0 | -64.9 | 90.9 | 292.1 | 18.8 | 17.4 | -7.1 | 338.2 | 999.9 | 99.9 | 999.9 | 21.0 | 94. |
| 52.2 | 128.3 | 14936.5 | 125.0 | -62.4 | 90.9 | 292.2 | 16.1 | 14.9 | -6.1 | 332.0 | 999.9 | 99.9 | 999.9 | 24.3 | 96. |
| 99.9 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

| STATION NO. 19 RAYON, NEW MEXICO | | | | | | | | | | | | | | 112 120. 0 | | | |
|-------------------------------------|-------|--------|--------|------|--------|-------|-------|--------|--------|-------|---------|--------|-------|------------|-------|--|--|
| 19 APRIL 1979 | | | | | | | | | | | | | | | | | |
| 1732 GMT | | | | | | | | | | | | | | | | | |
| TIME | CNTCT | HEIGHT | DRCS | TEMP | DEW PT | DIR | SPEED | U COMP | V COMP | POT T | E POT T | WV RTD | RM | RANGE | AZ | | |
| MIN | | SDM | MS | DS C | OG C | OG | M/SEC | M/SEC | M/SEC | OG K | OG K | GM/KS | PCY | KM | DEG | | |
| 0.0 | 24.4 | 1930.0 | 901.0 | 19.2 | -9.9 | 200.0 | 15.4 | 5.3 | 14.5 | 311.5 | 319.0 | 2.4 | 14.9 | 0.7 | 0. | | |
| 00.0 | 00.0 | 00.0 | 1000.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 000.0 | 00.0 | 000.0 | 000.0 | 000.0 | | |
| 00.0 | 00.0 | 00.0 | 975.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 000.0 | 00.0 | 000.0 | 000.0 | 000.0 | | |
| 00.0 | 00.0 | 00.0 | 950.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 000.0 | 00.0 | 000.0 | 000.0 | 000.0 | | |
| 00.0 | 00.0 | 00.0 | 925.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 000.0 | 00.0 | 000.0 | 000.0 | 000.0 | | |
| 00.0 | 00.0 | 00.0 | 900.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 000.0 | 00.0 | 000.0 | 000.0 | 000.0 | | |
| 00.0 | 00.0 | 00.0 | 875.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 000.0 | 00.0 | 000.0 | 000.0 | 000.0 | | |
| 00.0 | 00.0 | 00.0 | 850.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 000.0 | 00.0 | 000.0 | 000.0 | 000.0 | | |
| 00.0 | 00.0 | 00.0 | 825.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 000.0 | 00.0 | 000.0 | 000.0 | 000.0 | | |
| 00.0 | 00.0 | 00.0 | 800.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 000.0 | 00.0 | 000.0 | 000.0 | 000.0 | | |
| 00.0 | 00.0 | 00.0 | 775.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 000.0 | 00.0 | 000.0 | 000.0 | 000.0 | | |
| 00.0 | 00.0 | 00.0 | 750.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 000.0 | 00.0 | 000.0 | 000.0 | 000.0 | | |
| 00.0 | 00.0 | 00.0 | 725.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 000.0 | 00.0 | 000.0 | 000.0 | 000.0 | | |
| 00.0 | 00.0 | 00.0 | 700.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 000.0 | 00.0 | 000.0 | 000.0 | 000.0 | | |
| 00.0 | 00.0 | 00.0 | 675.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 000.0 | 00.0 | 000.0 | 000.0 | 000.0 | | |
| 00.0 | 00.0 | 00.0 | 650.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 000.0 | 00.0 | 000.0 | 000.0 | 000.0 | | |
| 00.0 | 00.0 | 00.0 | 625.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 000.0 | 00.0 | 000.0 | 000.0 | 000.0 | | |
| 00.0 | 00.0 | 00.0 | 600.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 000.0 | 00.0 | 000.0 | 000.0 | 000.0 | | |
| 00.0 | 00.0 | 00.0 | 575.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 000.0 | 00.0 | 000.0 | 000.0 | 000.0 | | |
| 00.0 | 00.0 | 00.0 | 550.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 000.0 | 00.0 | 000.0 | 000.0 | 000.0 | | |
| 00.0 | 00.0 | 00.0 | 525.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 000.0 | 00.0 | 000.0 | 000.0 | 000.0 | | |
| 00.0 | 00.0 | 00.0 | 500.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 000.0 | 00.0 | 000.0 | 000.0 | 000.0 | | |
| 00.0 | 00.0 | 00.0 | 475.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 000.0 | 00.0 | 000.0 | 000.0 | 000.0 | | |
| 00.0 | 00.0 | 00.0 | 450.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 000.0 | 00.0 | 000.0 | 000.0 | 000.0 | | |
| 00.0 | 00.0 | 00.0 | 425.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 000.0 | 00.0 | 000.0 | 000.0 | 000.0 | | |
| 00.0 | 00.0 | 00.0 | 400.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 000.0 | 00.0 | 000.0 | 000.0 | 000.0 | | |
| 00.0 | 00.0 | 00.0 | 375.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 000.0 | 00.0 | 000.0 | 000.0 | 000.0 | | |
| 00.0 | 00.0 | 00.0 | 350.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 000.0 | 00.0 | 000.0 | 000.0 | 000.0 | | |
| 00.0 | 00.0 | 00.0 | 325.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 000.0 | 00.0 | 000.0 | 000.0 | 000.0 | | |
| 00.0 | 00.0 | 00.0 | 300.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 000.0 | 00.0 | 000.0 | 000.0 | 000.0 | | |
| 00.0 | 00.0 | 00.0 | 275.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 000.0 | 00.0 | 000.0 | 000.0 | 000.0 | | |
| 00.0 | 00.0 | 00.0 | 250.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 000.0 | 00.0 | 000.0 | 000.0 | 000.0 | | |
| 00.0 | 00.0 | 00.0 | 225.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 000.0 | 00.0 | 000.0 | 000.0 | 000.0 | | |
| 00.0 | 00.0 | 00.0 | 200.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 000.0 | 00.0 | 000.0 | 000.0 | 000.0 | | |
| 00.0 | 00.0 | 00.0 | 175.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 000.0 | 00.0 | 000.0 | 000.0 | 000.0 | | |
| 00.0 | 00.0 | 00.0 | 150.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 000.0 | 00.0 | 000.0 | 000.0 | 000.0 | | |
| 00.0 | 00.0 | 00.0 | 125.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 000.0 | 00.0 | 000.0 | 000.0 | 000.0 | | |
| 00.0 | 00.0 | 00.0 | 100.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 000.0 | 00.0 | 000.0 | 000.0 | 000.0 | | |
| 00.0 | 00.0 | 00.0 | 75.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 000.0 | 00.0 | 000.0 | 000.0 | 000.0 | | |
| 00.0 | 00.0 | 00.0 | 50.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 000.0 | 00.0 | 000.0 | 000.0 | 000.0 | | |
| 00.0 | 00.0 | 00.0 | 25.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 000.0 | 00.0 | 000.0 | 000.0 | 000.0 | | |
| 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 000.0 | 00.0 | 000.0 | 000.0 | 000.0 | | |

BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 18
BATON, NEW MEXICO

20 APRIL 1979
000 GMT

| TIME MIN | CLOUDS | HEIGHT GPM | SPES MB | TEMP DG C | DEW PT DG C | QIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | WX RTO GPM/KG | 3M DCY | RANGE KM | AZ DG |
|-------------|--------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|------------------|-----------|-------------|----------|
| 0.0 | 25.3 | 1030.0 | 806.0 | 7.4 | -3.4 | 340.0 | 7.1 | 0.0 | -7.7 | 298.4 | 308.4 | 2.7 | 46.0 | 0.0 | 0. |
| 00.0 | 00.0 | 99.0 | 1000.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 |
| 00.0 | 00.0 | 00.0 | 975.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 |
| 00.0 | 00.0 | 00.0 | 950.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 |
| 00.0 | 00.0 | 00.0 | 925.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 |
| 00.0 | 00.0 | 00.0 | 900.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 |
| 00.0 | 00.0 | 00.0 | 875.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 |
| 00.0 | 00.0 | 00.0 | 850.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 |
| 00.0 | 00.0 | 00.0 | 825.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 |
| 00.0 | 00.0 | 00.0 | 800.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 |
| 00.0 | 00.0 | 00.0 | 775.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 |
| 00.0 | 00.0 | 00.0 | 750.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 |
| 00.0 | 00.0 | 00.0 | 725.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 |
| 00.0 | 00.0 | 00.0 | 700.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 |
| 00.0 | 00.0 | 00.0 | 675.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 |
| 00.0 | 00.0 | 00.0 | 650.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 |
| 00.0 | 00.0 | 00.0 | 625.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 |
| 00.0 | 00.0 | 00.0 | 600.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 |
| 00.0 | 00.0 | 00.0 | 575.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 |
| 00.0 | 00.0 | 00.0 | 550.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 |
| 00.0 | 00.0 | 00.0 | 525.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 |
| 00.0 | 00.0 | 00.0 | 500.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 |
| 00.0 | 00.0 | 00.0 | 475.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 |
| 00.0 | 00.0 | 00.0 | 450.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 |
| 00.0 | 00.0 | 00.0 | 425.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 |
| 00.0 | 00.0 | 00.0 | 400.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 |
| 00.0 | 00.0 | 00.0 | 375.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 |
| 00.0 | 00.0 | 00.0 | 350.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 |
| 00.0 | 00.0 | 00.0 | 325.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 |
| 00.0 | 00.0 | 00.0 | 300.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 |
| 00.0 | 00.0 | 00.0 | 275.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 |
| 00.0 | 00.0 | 00.0 | 250.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 |
| 00.0 | 00.0 | 00.0 | 225.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 |
| 00.0 | 00.0 | 00.0 | 200.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 |
| 00.0 | 00.0 | 00.0 | 175.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 |
| 00.0 | 00.0 | 00.0 | 150.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 |
| 00.0 | 00.0 | 00.0 | 125.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 |
| 00.0 | 00.0 | 00.0 | 100.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 |
| 00.0 | 00.0 | 00.0 | 75.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 |
| 00.0 | 00.0 | 00.0 | 50.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 |
| 00.0 | 00.0 | 00.0 | 25.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN A AND 10 DEG
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN A DEG

STATION INFO
 BAHON, NEW MEXICO

 20 APRIL 1979
 1111 GMT

| TIME | CHYCT | WEIGHT | WGS | TEMP | DEW | DIR | SPEED | U COMP | V COMP | POT | POT | WZ | RM | RANGE | AZ |
|------|-------|--------|--------|-------|-------|-------|-------|--------|--------|-------|-------|-------|------|-------|------|
| min | | Gms | | DEG C | DEG C | DEG | M/SEC | M/SEC | M/SEC | DEG K | DEG K | GM/HG | PCY | KM | DEG |
| 0.0 | 24.9 | 120.7 | 900.0 | 5.0 | -1.4 | 350.0 | 7.7 | 1.7 | -7.6 | 205.4 | 207.5 | 4.7 | 43.0 | 0.0 | 0 |
| 00.0 | 00.0 | 00.0 | 1000.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 |
| 00.0 | 00.0 | 00.0 | 975.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 |
| 00.0 | 00.0 | 00.0 | 950.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 |
| 00.0 | 00.0 | 00.0 | 925.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 |
| 00.0 | 00.0 | 00.0 | 900.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 |
| 00.0 | 00.0 | 00.0 | 875.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 |
| 00.0 | 00.0 | 00.0 | 850.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 |
| 00.0 | 00.0 | 00.0 | 825.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 |
| 00.0 | 00.0 | 00.0 | 800.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 |
| 00.0 | 00.0 | 00.0 | 775.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 |
| 00.0 | 00.0 | 00.0 | 750.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 |
| 00.0 | 00.0 | 00.0 | 725.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 |
| 00.0 | 00.0 | 00.0 | 700.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 |
| 00.0 | 00.0 | 00.0 | 675.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 |
| 00.0 | 00.0 | 00.0 | 650.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 |
| 00.0 | 00.0 | 00.0 | 625.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 |
| 00.0 | 00.0 | 00.0 | 600.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 |
| 00.0 | 00.0 | 00.0 | 575.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 |
| 00.0 | 00.0 | 00.0 | 550.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 |
| 00.0 | 00.0 | 00.0 | 525.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 |
| 00.0 | 00.0 | 00.0 | 500.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 |
| 00.0 | 00.0 | 00.0 | 475.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 |
| 00.0 | 00.0 | 00.0 | 450.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 |
| 00.0 | 00.0 | 00.0 | 425.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 |
| 00.0 | 00.0 | 00.0 | 400.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 |
| 00.0 | 00.0 | 00.0 | 375.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 |
| 00.0 | 00.0 | 00.0 | 350.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 |
| 00.0 | 00.0 | 00.0 | 325.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 |
| 00.0 | 00.0 | 00.0 | 300.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 |
| 00.0 | 00.0 | 00.0 | 275.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 |
| 00.0 | 00.0 | 00.0 | 250.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 |
| 00.0 | 00.0 | 00.0 | 225.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 |
| 00.0 | 00.0 | 00.0 | 200.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 |
| 00.0 | 00.0 | 00.0 | 175.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 |
| 00.0 | 00.0 | 00.0 | 150.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 |
| 00.0 | 00.0 | 00.0 | 125.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 |
| 00.0 | 00.0 | 00.0 | 100.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 |
| 00.0 | 00.0 | 00.0 | 75.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 |
| 00.0 | 00.0 | 00.0 | 50.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 |
| 00.0 | 00.0 | 00.0 | 25.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 |

 00 BY SPOD BEAMS ELEVATION ANGLE BETWEEN 4 AND 10 DEG
 00 BY TDS BEAMS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 00 BY SPOD BEAMS ELEVATION ANGLE LESS THAN 4 DEG

STATION 42. 19
OXFORD, MISSISSIPPI
19 APRIL 1979
1105 GMT

| TIME MIN | CNTCT | HEIGHT GOM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E DNT Y DG K | WX DTD GM/KS | RM PCT | RMSE MM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|------------|----------|
| 0.0 | 6.2 | 125.0 | 1006.0 | 17.2 | 9.4 | 099.9 | 99.9 | 99.9 | 99.9 | 249.9 | 104.0 | 6.9 | 55.0 | 0.9 | 0. |
| 0.2 | 6.7 | 126.1 | 1007.0 | 17.0 | 7.1 | 099.9 | 99.9 | 99.9 | 99.9 | 249.7 | 104.0 | 6.2 | 52.1 | 0.9 | 0. |
| 0.4 | 9.0 | 126.5 | 995.0 | 16.4 | -5.7 | 099.9 | 99.9 | 99.9 | 99.9 | 249.7 | 104.0 | 2.6 | 21.4 | 0.4 | 107. |
| 1.7 | 11.4 | 613.4 | 950.0 | 14.3 | 5.4 | 144.0 | 8.3 | -2.3 | 8.0 | 205.8 | 312.0 | 6.0 | 42.8 | 0.9 | 319. |
| 2.5 | 13.7 | 741.9 | 925.0 | 17.3 | 5.1 | 144.8 | 6.3 | 0.5 | 6.7 | 297.0 | 313.3 | 6.0 | 41.5 | 1.1 | 330. |
| 3.4 | 14.1 | 1325.4 | 900.0 | 16.2 | 7.4 | 219.9 | 4.0 | 2.6 | 3.5 | 294.2 | 314.3 | 7.4 | 57.4 | 1.1 | 334. |
| 4.3 | 14.6 | 1314.5 | 875.0 | 14.4 | 6.6 | 246.3 | 4.2 | 3.4 | 1.7 | 298.7 | 317.9 | 7.0 | 59.5 | 1.4 | 46. |
| 5.2 | 21.1 | 1558.5 | 850.0 | 12.4 | 4.0 | 258.4 | 3.1 | 3.4 | 0.8 | 290.2 | 315.9 | 6.0 | 56.5 | 1.4 | 57. |
| 6.1 | 27.4 | 1324.3 | 825.0 | 17.3 | 1.2 | 269.8 | 3.0 | 3.4 | 0.0 | 299.5 | 313.7 | 5.1 | 53.3 | 1.4 | 5. |
| 7.0 | 24.1 | 2347.6 | 800.0 | 9.4 | -3.2 | 274.6 | 4.5 | 4.5 | -0.4 | 300.7 | 313.4 | 4.7 | 54.9 | 1.5 | 13. |
| 8.0 | 29.6 | 2325.4 | 775.0 | 6.4 | -2.1 | 277.2 | 5.0 | 5.0 | -0.6 | 300.7 | 312.7 | 4.1 | 56.2 | 1.5 | 24. |
| 9.0 | 21.2 | 2523.4 | 750.0 | 4.2 | -3.1 | 271.0 | 4.4 | 4.4 | -0.1 | 301.1 | 312.7 | 4.1 | 59.4 | 1.5 | 34. |
| 10.0 | 13.0 | 2444.2 | 725.0 | 1.6 | -0.2 | 231.4 | 3.0 | 2.9 | 2.2 | 301.2 | 315.4 | 5.2 | 58.2 | 1.8 | 39. |
| 10.9 | 34.4 | 1513.6 | 700.0 | -3.0 | -3.4 | 147.3 | 5.4 | 0.7 | 5.4 | 302.5 | 314.6 | 4.3 | 74.0 | 2.0 | 37. |
| 11.9 | 33.7 | 3441.4 | 675.0 | -1.3 | -2.2 | 167.2 | 5.0 | -1.3 | 4.9 | 304.2 | 318.0 | 4.8 | 83.3 | 2.3 | 31. |
| 13.0 | 42.1 | 3742.1 | 650.0 | -3.2 | -3.5 | 144.3 | 5.1 | -1.4 | 4.5 | 305.4 | 319.4 | 4.5 | 84.7 | 2.4 | 25. |
| 14.1 | 44.0 | 4352.3 | 625.0 | -4.6 | -5.2 | 144.2 | 5.4 | 0.4 | 5.7 | 307.2 | 319.4 | 4.2 | 95.7 | 2.4 | 21. |
| 15.2 | 47.4 | 4377.4 | 600.0 | -5.3 | -5.7 | 232.9 | 5.1 | 4.0 | 3.1 | 310.0 | 327.3 | 4.2 | 97.1 | 2.7 | 21. |
| 16.4 | 53.4 | 5277.5 | 575.0 | -6.9 | -7.4 | 243.4 | 6.2 | 6.2 | -0.3 | 311.9 | 327.3 | 3.4 | 94.9 | 2.4 | 27. |
| 17.5 | 53.0 | 5253.7 | 550.0 | -4.7 | -9.7 | 243.4 | 7.0 | 6.4 | -1.6 | 313.7 | 327.9 | 3.3 | 92.7 | 2.5 | 34. |
| 18.7 | 56.3 | 5413.1 | 525.0 | -11.1 | -11.5 | 244.3 | 7.6 | 6.8 | -1.7 | 315.1 | 324.4 | 2.0 | 95.3 | 3.7 | 41. |
| 20.0 | 60.1 | 5746.4 | 500.0 | -13.4 | -15.3 | 244.1 | 7.3 | 7.1 | -1.9 | 316.8 | 324.4 | 2.1 | 85.0 | 4.3 | 44. |
| 21.4 | 63.4 | 6175.1 | 475.0 | -16.4 | -18.1 | 245.7 | 7.1 | 6.4 | -1.0 | 317.2 | 323.4 | 1.9 | 87.9 | 4.4 | 55. |
| 22.4 | 64.4 | 6573.5 | 450.0 | -19.3 | -20.5 | 274.8 | 8.1 | 8.0 | -1.2 | 318.9 | 324.3 | 1.7 | 87.2 | 4.8 | 50. |
| 24.2 | 73.1 | 7001.7 | 425.0 | -23.2 | -24.4 | 274.6 | 9.4 | 8.1 | -1.0 | 319.2 | 323.3 | 1.2 | 87.9 | 5.4 | 55. |
| 25.4 | 73.7 | 7443.6 | 400.0 | -25.7 | -30.4 | 274.4 | 7.2 | 7.1 | -0.3 | 321.6 | 324.2 | 0.7 | 83.1 | 6.4 | 68. |
| 27.5 | 77.4 | 7904.3 | 375.0 | -29.2 | -36.0 | 240.5 | 9.0 | 8.9 | -1.7 | 322.9 | 324.6 | 0.5 | 81.4 | 6.4 | 71. |
| 29.1 | 81.4 | 8327.1 | 350.0 | -33.3 | -39.1 | 242.7 | 10.6 | 9.7 | -2.2 | 323.9 | 325.3 | 0.4 | 81.2 | 7.6 | 75. |
| 31.0 | 84.3 | 8913.4 | 325.0 | -37.5 | -40.2 | 241.0 | 9.7 | 9.5 | -1.4 | 325.0 | 326.3 | 0.3 | 75.7 | 8.6 | 78. |
| 33.0 | 89.5 | 9440.7 | 300.0 | -42.1 | 90.9 | 240.0 | 9.7 | 9.0 | -2.1 | 326.1 | 326.9 | 0.0 | 89.0 | 8.7 | 81. |
| 35.1 | 93.4 | 10241.5 | 275.0 | -46.5 | 94.3 | 293.5 | 9.4 | 4.5 | -4.1 | 327.9 | 326.9 | 0.9 | 90.9 | 10.5 | 83. |
| 37.4 | 94.6 | 10671.9 | 250.0 | -50.1 | 99.9 | 301.0 | 16.4 | 14.2 | -9.5 | 331.5 | 327.9 | 0.9 | 90.9 | 12.3 | 83. |
| 40.4 | 101.4 | 11161.7 | 225.0 | -54.9 | 90.9 | 294.7 | 19.9 | 17.1 | -8.2 | 334.6 | 328.9 | 0.9 | 90.9 | 14.4 | 95. |
| 43.1 | 103.0 | 12005.9 | 200.0 | -60.4 | 90.9 | 298.7 | 23.7 | 20.4 | -11.4 | 337.1 | 328.9 | 0.9 | 90.9 | 14.1 | 93. |
| 46.2 | 114.4 | 12323.2 | 175.0 | -63.2 | 90.9 | 303.7 | 23.6 | 19.4 | -13.1 | 347.1 | 328.9 | 0.9 | 90.9 | 22.2 | 103. |
| 49.7 | 121.3 | 13441.4 | 150.0 | -60.2 | 90.9 | 300.4 | 24.1 | 20.4 | -12.2 | 346.5 | 328.9 | 0.9 | 90.9 | 27.4 | 107. |
| 53.9 | 128.3 | 15011.3 | 125.0 | -61.7 | 90.9 | 999.9 | 99.9 | 99.9 | 99.9 | 379.7 | 328.9 | 0.9 | 90.9 | 32.5 | 109. |
| 56.0 | 140.3 | 94.9 | 100.0 | 90.9 | 90.9 | 90.4 | 99.9 | 99.9 | 99.9 | 40.0 | 328.9 | 0.9 | 90.9 | 90.9 | 90.9. |
| 58.0 | 140.3 | 90.9 | 75.0 | 90.9 | 90.9 | 90.9 | 99.9 | 99.9 | 99.9 | 99.9 | 328.9 | 0.9 | 90.9 | 90.9 | 90.9. |
| 60.0 | 140.3 | 90.9 | 50.0 | 90.9 | 90.9 | 90.9 | 99.9 | 99.9 | 99.9 | 99.9 | 328.9 | 0.9 | 90.9 | 90.9 | 90.9. |
| 62.0 | 140.3 | 90.9 | 25.0 | 90.9 | 90.9 | 90.9 | 99.9 | 99.9 | 99.9 | 99.9 | 328.9 | 0.9 | 90.9 | 90.9 | 90.9. |
| 64.0 | 140.3 | 90.9 | 0.0 | 90.9 | 90.9 | 90.9 | 99.9 | 99.9 | 99.9 | 99.9 | 328.9 | 0.9 | 90.9 | 90.9 | 90.9. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE 18
OF POOR QUALITY

STATION NO. 19
OXFORD, MISSISSIPPI
19 APRIL 1979
1405 GUT

| TIME MIN | CNTCT | HEIGHT SPM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DG | SPEED W/SEC | U COMP W/SEC | V COMP W/SEC | POT T DG K | E POT T DG K | WIND GUST | PH PCT | 118 104. 9 |
|-------------|-------|---------------|------------|---------------|-----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|--------------|-----------|-------------|
| 0.0 | 5.9 | 125.0 | 1008.0 | 21.4 | 4.3 | 999.9 | 99.9 | 99.9 | 99.9 | 291.9 | 312.2 | 6.9 | 43.0 | 0.0 |
| 0.2 | 6.5 | 107.2 | 1000.0 | 17.0 | 3.9 | 999.9 | 99.9 | 99.9 | 99.9 | 290.9 | 303.4 | 5.1 | 41.7 | 999.9 999.9 |
| 0.9 | 8.5 | 478.8 | 975.0 | 17.4 | -0.6 | 999.9 | 99.9 | 99.9 | 99.9 | 292.6 | 307.0 | 3.8 | 28.5 | 0.5 322.0 |
| 1.7 | 10.4 | 471.0 | 950.0 | 14.1 | 5.5 | 176.5 | 7.7 | -0.5 | 7.7 | 295.6 | 311.9 | 6.0 | 47.5 | 0.9 336.0 |
| 2.5 | 13.0 | 450.1 | 925.0 | 17.2 | 6.8 | 101.9 | 7.1 | 1.5 | 7.3 | 295.9 | 315.2 | 6.7 | 50.4 | 1.2 343.0 |
| 3.4 | 15.2 | 192.4 | 900.0 | 15.7 | 6.6 | 203.5 | 4.5 | 1.8 | 4.2 | 297.7 | 316.3 | 6.8 | 54.9 | 1.4 350.0 |
| 4.2 | 17.4 | 137.1 | 875.0 | 13.9 | 4.9 | 231.7 | 2.7 | 2.1 | 1.7 | 298.2 | 315.3 | 4.2 | 58.4 | 1.4 355.0 |
| 5.2 | 19.4 | 157.4 | 850.0 | 12.1 | 1.4 | 293.5 | 1.3 | 1.3 | -0.5 | 298.8 | 312.7 | 5.0 | 47.9 | 1.4 355.0 |
| 6.0 | 21.2 | 147.0 | 825.0 | 10.1 | 0.2 | 307.5 | 1.3 | 1.0 | -0.4 | 299.3 | 312.5 | 4.7 | 50.4 | 1.4 360.0 |
| 6.9 | 24.1 | 270.0 | 800.0 | 7.9 | -0.6 | 245.0 | 1.3 | 1.9 | -0.5 | 299.6 | 312.5 | 4.6 | 54.9 | 1.5 365.0 |
| 7.9 | 26.4 | 243.1 | 775.0 | 5.8 | -1.3 | 281.7 | 1.5 | 1.6 | -0.3 | 300.1 | 312.7 | 4.5 | 60.0 | 1.5 370.0 |
| 8.9 | 28.9 | 247.4 | 750.0 | 3.3 | -1.3 | 265.1 | 0.9 | 0.0 | 0.1 | 300.2 | 313.3 | 4.7 | 71.7 | 1.5 375.0 |
| 9.9 | 31.5 | 244.6 | 725.0 | 0.8 | -1.5 | 201.6 | 1.2 | 0.5 | 1.1 | 300.4 | 313.6 | 4.7 | 84.3 | 1.5 380.0 |
| 10.9 | 34.5 | 316.5 | 700.0 | -1.5 | -3.3 | 191.8 | 3.0 | 0.1 | 3.0 | 300.9 | 313.0 | 4.7 | 87.8 | 1.7 385.0 |
| 12.0 | 36.5 | 345.4 | 675.0 | -2.3 | -2.9 | 176.8 | 5.5 | -0.3 | 5.6 | 301.1 | 314.2 | 4.6 | 85.9 | 1.7 390.0 |
| 13.0 | 38.1 | 375.4 | 650.0 | -3.0 | -3.6 | 182.6 | 6.3 | 0.3 | 6.3 | 305.4 | 314.7 | 4.6 | 85.7 | 2.3 395.0 |
| 14.1 | 41.7 | 407.0 | 625.0 | -4.9 | -4.3 | 225.6 | 4.5 | 3.3 | -0.8 | 307.9 | 313.0 | 4.6 | 87.4 | 2.7 395.0 |
| 15.2 | 44.2 | 438.5 | 600.0 | -5.0 | -5.3 | 277.0 | 6.2 | 6.1 | -0.8 | 310.4 | 313.0 | 4.6 | 97.4 | 2.9 395.0 |
| 16.4 | 47.0 | 471.0 | 575.0 | -6.7 | -7.9 | 246.2 | 7.6 | 7.3 | -2.1 | 312.1 | 312.2 | 2.7 | 71.2 | 2.9 395.0 |
| 17.7 | 49.5 | 504.2 | 550.0 | -8.2 | -11.1 | 240.0 | 7.1 | 7.3 | -1.3 | 315.3 | 311.7 | 2.8 | 70.4 | 2.9 395.0 |
| 19.0 | 52.6 | 542.4 | 525.0 | -11.7 | -15.6 | 276.5 | 7.5 | 7.5 | -0.9 | 314.3 | 321.1 | 2.2 | 73.4 | 3.2 395.0 |
| 20.4 | 55.4 | 570.3 | 500.0 | -13.4 | -17.4 | 277.4 | 9.1 | 9.3 | -1.2 | 314.2 | 322.2 | 1.0 | 71.9 | 3.2 395.0 |
| 21.4 | 57.4 | 611.4 | 475.0 | -15.7 | -20.2 | 240.1 | 10.1 | 9.6 | -3.1 | 314.5 | 312.6 | 0.1 | 12.0 | 4.4 395.0 |
| 23.3 | 61.5 | 553.0 | 450.0 | -18.3 | -24.3 | 295.0 | 8.3 | 7.5 | -3.5 | 319.0 | 312.6 | 0.2 | 9.1 | 4.9 395.0 |
| 24.0 | 64.4 | 591.2 | 425.0 | -22.9 | -30.9 | 296.1 | 8.3 | 8.0 | -2.3 | 319.9 | 320.9 | 0.3 | 71.1 | 5.5 395.0 |
| 24.1 | 67.9 | 745.7 | 400.0 | -25.0 | -35.4 | 291.7 | 8.5 | 8.4 | -1.7 | 321.2 | 322.0 | 0.5 | 43.9 | 6.2 395.0 |
| 24.1 | 71.3 | 791.5 | 375.0 | -28.6 | -36.5 | 285.9 | 9.7 | 8.4 | -2.4 | 322.4 | 324.0 | 0.4 | 50.7 | 7.3 395.0 |
| 30.2 | 74.7 | 831.5 | 350.0 | -33.1 | -40.6 | 274.6 | 8.1 | 8.0 | -1.2 | 323.1 | 325.3 | 0.3 | 44.6 | 8.3 395.0 |
| 32.5 | 77.7 | 822.9 | 325.0 | -37.5 | -45.0 | 276.2 | 7.9 | 7.4 | -0.9 | 325.0 | 325.7 | 0.2 | 43.3 | 9.1 395.0 |
| 34.9 | 82.1 | 810.6 | 300.0 | -42.5 | -49.9 | 270.4 | 8.0 | 7.9 | -1.3 | 325.5 | 325.9 | 0.9 | 90.9 | 10.1 395.0 |
| 37.0 | 84.9 | 195.1 | 275.0 | -46.4 | -49.9 | 246.8 | 17.8 | 12.0 | -4.1 | 323.1 | 320.9 | 0.9 | 60.9 | 11.3 395.0 |
| 38.5 | 89.3 | 104.0 | 250.0 | -50.9 | -49.9 | 305.9 | 17.1 | 13.9 | -10.1 | 330.4 | 320.9 | 0.9 | 60.9 | 12.3 395.0 |
| 42.7 | 94.7 | 1135.2 | 225.0 | -54.9 | -49.9 | 305.2 | 18.9 | 15.4 | -10.9 | 324.4 | 320.9 | 0.9 | 60.9 | 15.9 395.0 |
| 45.0 | 99.4 | 1217.2 | 200.0 | -60.4 | -49.9 | 303.9 | 21.1 | 17.5 | -11.8 | 337.2 | 320.9 | 0.9 | 60.9 | 19.9 395.0 |
| 48.2 | 104.5 | 1220.3 | 175.0 | -62.9 | -49.9 | 312.6 | 22.2 | 18.7 | -12.0 | 346.2 | 320.9 | 0.9 | 60.9 | 22.9 395.0 |
| 51.3 | 110.5 | 1384.4 | 150.0 | -50.1 | -49.9 | 301.4 | 22.2 | 18.9 | -11.6 | 346.2 | 320.9 | 0.9 | 60.9 | 24.9 395.0 |
| 54.3 | 116.7 | 1531.5 | 125.0 | -43.1 | -49.9 | 999.9 | 99.9 | 99.9 | 99.9 | 390.7 | 320.9 | 0.9 | 60.9 | 27.9 395.0 |
| 56.3 | 116.7 | 1531.5 | 100.0 | 90.9 | -49.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 320.9 | 0.9 | 60.9 | 30.9 395.0 |
| 59.0 | 99.9 | 99.9 | 75.0 | 90.9 | 90.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 320.9 | 0.9 | 60.9 | 33.9 395.0 |
| 62.0 | 99.9 | 99.9 | 50.0 | 90.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 320.9 | 0.9 | 60.9 | 36.9 395.0 |
| 65.0 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 320.9 | 0.9 | 60.9 | 39.9 395.0 |
| 68.0 | 99.9 | 99.9 | 0.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 320.9 | 0.9 | 60.9 | 42.9 395.0 |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 4 AND 10 DEG
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 19
OXFORD, MISSISSIPPI

19 APRIL 1979
1705 GMT

| TIME MIN | CNTCT | WEIGHT GOM | PRES MB | TEMP DG C | DEW PT DG C | DIP DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT Y DG K | F POT Y DG K | WX BYN G/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|----------------|-----------|-------------|----------|
| 0.0 | 5.0 | 125.0 | 1037.0 | 23.5 | 9.1 | 990.9 | 99.9 | 99.9 | 99.9 | 296.1 | 315.6 | 7.3 | 40.0 | 0.0 | 0. |
| 0.3 | 6.4 | 145.7 | 1000.0 | 23.0 | 7.0 | 999.9 | 99.9 | 99.9 | 99.9 | 295.2 | 312.3 | 6.1 | 38.2 | 994.9 | 990. |
| 1.0 | 6.4 | 604.5 | 975.0 | 19.8 | 6.0 | 999.9 | 99.9 | 99.9 | 99.9 | 295.1 | 311.5 | 6.0 | 40.3 | 995.9 | 990. |
| 1.0 | 11.1 | 627.6 | 950.0 | 19.5 | 5.1 | 999.9 | 99.9 | 99.9 | 99.9 | 295.0 | 311.9 | 5.8 | 41.4 | 0.1 | 2. |
| 2.0 | 17.4 | 956.5 | 925.0 | 19.9 | 3.4 | 995.1 | 0.1 | 0.8 | -0.4 | 298.7 | 313.4 | 5.3 | 35.6 | 0.4 | 12. |
| 3.0 | 15.4 | 1001.0 | 910.0 | 17.2 | 3.3 | 232.1 | 0.1 | 0.6 | 0.5 | 299.2 | 314.2 | 5.4 | 30.5 | 0.4 | 13. |
| 4.4 | 19.2 | 1330.4 | 875.0 | 15.0 | 2.6 | 121.4 | 1. | -0.9 | 0.6 | 299.4 | 314.2 | 4.3 | 43.3 | 0.4 | 2. |
| 5.7 | 20.7 | 1574.9 | 850.0 | 12.9 | 1.2 | 164.7 | 1.0 | -0.3 | 1.0 | 299.5 | 313.4 | 4.9 | 44.9 | 0.4 | 357. |
| 6.6 | 23.2 | 1824.9 | 825.0 | 10.6 | -0.1 | 222.5 | 1. | 0.4 | 0.9 | 299.6 | 312.7 | 4.6 | 47.7 | 0.5 | 0. |
| 7.4 | 25.7 | 2040.1 | 800.0 | 9.1 | -0.4 | 240.1 | 1.1 | 1.6 | 0.9 | 299.8 | 312.6 | 4.5 | 51.3 | 0.5 | 8. |
| 8.6 | 24.2 | 2341.3 | 775.0 | 5.8 | -1.4 | 226.6 | 2.1 | 1.6 | 1.6 | 300.1 | 312.7 | 4.5 | 59.9 | 0.5 | 14. |
| 9.5 | 37.4 | 2638.9 | 750.0 | 3.7 | -2.3 | 229.0 | 2.4 | 1.8 | 1.6 | 300.6 | 312.4 | 4.3 | 64.9 | 0.4 | 70. |
| 10.6 | 33.4 | 2443.4 | 725.0 | 1.4 | -4.1 | 249.4 | 3. | 3.4 | 1.3 | 301.4 | 312.4 | 3.9 | 65.2 | 0.9 | 28. |
| 11.6 | 16.1 | 3166.0 | 700.0 | 1.2 | -5.1 | 253.9 | 5.1 | 4.9 | 1.4 | 302.9 | 312.4 | 3.8 | 62.6 | 1.1 | 39. |
| 12.7 | 14.4 | 3457.9 | 675.0 | -0.1 | -2.0 | 270.1 | 5.1 | 5.0 | -0.0 | 305.5 | 319.7 | 4.0 | 87.4 | 1.4 | 47. |
| 13.4 | 41.4 | 3760.2 | 650.0 | -1.2 | -1.6 | 300.1 | 5.1 | 5.1 | -2.9 | 307.7 | 322.8 | 5.3 | 84.9 | 1.5 | 54. |
| 15.0 | 44.4 | 4072.6 | 625.0 | -2.9 | -3.2 | 307.5 | 6.7 | 5.3 | -4.1 | 309.1 | 323.2 | 4.8 | 87.9 | 1.4 | 72. |
| 16.4 | 47.7 | 4305.3 | 600.0 | -4.4 | -4.8 | 298.9 | 7.0 | 6.1 | -3.4 | 311.0 | 324.3 | 4.5 | 97.4 | 2.2 | 73. |
| 17.4 | 50.2 | 4700.2 | 575.0 | -6.4 | -7.0 | 246.4 | 7.4 | 7.1 | -2.1 | 312.4 | 324.3 | 4.0 | 96.1 | 2.7 | 74. |
| 18.4 | 47.1 | 5076.4 | 550.0 | -9.1 | -11.6 | 269.4 | 9.1 | 9.5 | 0.1 | 313.3 | 322.1 | 2.9 | 87.1 | 3.3 | 90. |
| 20.1 | 45.4 | 5374.9 | 525.0 | -12.2 | -23.4 | 244.4 | 11.3 | 11.3 | 0.3 | 313.8 | 317.4 | 1.2 | 42.7 | 4.1 | 92. |
| 21.5 | 59.4 | 5495.3 | 500.0 | -15.4 | -44.7 | 240.2 | 11.6 | 10.9 | -1.2 | 314.2 | 314.7 | 0.1 | 14.3 | 4.1 | 90. |
| 23.1 | 42.7 | 6191.0 | 475.0 | -17.1 | -44.0 | 240.2 | 11.2 | 11.0 | -2.0 | 314.9 | 317.4 | 0.2 | 7.4 | 5.0 | 71. |
| 24.5 | 64.0 | 6595.5 | 450.0 | -18.2 | -47.0 | 245.7 | 11.5 | 11.1 | -3.1 | 320.4 | 320.4 | 0.1 | 5.9 | 7.0 | 73. |
| 26.2 | 69.4 | 7119.4 | 425.0 | -21.7 | -47.5 | 248.9 | 12.4 | 11.9 | -4.0 | 321.2 | 321.6 | 0.1 | 7.4 | 5.2 | 95. |
| 27.9 | 71.0 | 7462.7 | 400.0 | -25.7 | -43.9 | 246.9 | 11.6 | 11.1 | -3.4 | 321.6 | 322.3 | 0.2 | 14.3 | 9.4 | 77. |
| 29.7 | 74.7 | 7825.6 | 375.0 | -29.5 | -37.6 | 245.1 | 10.6 | 10.6 | -2.9 | 322.5 | 323.9 | 0.4 | 43.1 | 10.7 | 75. |
| 31.4 | 80.5 | 8415.5 | 350.0 | -33.4 | -45.4 | 279.3 | 9.2 | 9.1 | -1.5 | 323.8 | 324.5 | 0.2 | 24.4 | 11.9 | 70. |
| 33.5 | 93.4 | 9371.4 | 325.0 | -37.8 | -46.5 | 276.5 | 9.2 | 9.5 | -1.1 | 324.6 | 325.3 | 0.2 | 33.0 | 12.4 | 98. |
| 35.5 | 89.5 | 9479.2 | 300.0 | -41.6 | 90.9 | 299.6 | 11.7 | 10.1 | -5.4 | 329.8 | 999.9 | 99.9 | 99.9 | 14.3 | 92. |
| 37.4 | 97.7 | 10344.4 | 275.0 | -45.6 | 94.9 | 308.6 | 15.2 | 11.4 | -9.5 | 329.12 | 999.9 | 99.9 | 99.9 | 15.4 | 172. |
| 40.0 | 37.4 | 10594.0 | 250.0 | -49.8 | 99.9 | 307.6 | 17.0 | 13.5 | -10.4 | 332.1 | 999.9 | 99.9 | 99.9 | 17.5 | 125. |
| 42.4 | 172.4 | 11375.4 | 225.0 | -55.3 | 99.9 | 306.9 | 18.2 | 14.8 | -11.1 | 337.8 | 999.9 | 99.9 | 99.9 | 20.3 | 174. |
| 45.7 | 107.4 | 12119.0 | 200.0 | -50.6 | 99.9 | 304.4 | 14.4 | 15.2 | -10.4 | 334.4 | 999.9 | 99.9 | 99.9 | 22.9 | 110. |
| 47.7 | 113.7 | 12046.2 | 175.0 | -63.1 | 99.9 | 297.4 | 21.2 | 18.4 | -9.9 | 345.4 | 999.9 | 99.9 | 99.9 | 26.7 | 111. |
| 51.3 | 110.5 | 13009.0 | 150.0 | -60.2 | 99.9 | 302.7 | 23.6 | 19.4 | -12.9 | 364.5 | 999.9 | 99.9 | 99.9 | 30.9 | 113. |
| 55.5 | 126.7 | 14371.7 | 125.0 | -61.7 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 343.4 | 999.9 | 99.9 | 99.9 | 34.4 | 113. |
| 59.0 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 |
| 99.0 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 |
| 99.0 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 |
| 99.0 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 4 DEG

STATION NO. 19
ORFCPO, MISSISSIPPI19 APRIL 1979
2005 GMT

| TIME MIN | CNTCT | HEIGHT GCM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SOFC M/SEC | U COMP M/SEC | V COMP M/SEC | PNT T DG K | P DPT T DG K | WX RTG GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|---------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 5.9 | 125.0 | 1005.0 | 26.0 | 10.2 | 99.9 | 99.9 | 99.9 | 99.9 | 208.7 | 219.9 | 7.8 | 37.0 | 0.0 | 0. |
| 0.1 | 4.3 | 140.0 | 1000.0 | 25.0 | 7.5 | 99.9 | 99.9 | 99.9 | 99.9 | 209.0 | 217.0 | 6.5 | 31.2 | 999.9 | 999. |
| 1.0 | 8.4 | 300.9 | 975.0 | 23.5 | 6.0 | 99.9 | 99.9 | 99.9 | 99.9 | 208.8 | 214.5 | 6.4 | 34.4 | 999.9 | 999. |
| 1.8 | 10.5 | 616.5 | 950.0 | 21.4 | 4.2 | 123.6 | 0.1 | -0.7 | 0.5 | 208.9 | 216.2 | 6.3 | 27.2 | 0.1 | 230. |
| 2.7 | 12.7 | 946.7 | 925.0 | 19.4 | 5.8 | 140.3 | 1.3 | -1.0 | 1.2 | 209.2 | 216.5 | 6.3 | 27.2 | 0.1 | 231. |
| 3.4 | 14.9 | 1081.5 | 900.0 | 17.3 | 4.7 | 149.2 | 1.1 | 0.2 | 1.3 | 209.4 | 215.9 | 6.3 | 27.2 | 0.1 | 231. |
| 4.5 | 17.1 | 1321.0 | 875.0 | 15.2 | 2.0 | 217.5 | 0.1 | 0.5 | 0.6 | 209.5 | 213.7 | 6.1 | 43.2 | 0.1 | 231. |
| 5.5 | 19.7 | 1565.9 | 850.0 | 13.2 | 1.0 | 205.6 | 2.1 | 0.9 | 1.9 | 209.0 | 213.6 | 4.9 | 41.0 | 0.1 | 230. |
| 6.4 | 21.4 | 1416.0 | 825.0 | 11.0 | 1.2 | 194.1 | 2.1 | 0.9 | 2.7 | 209.2 | 214.4 | 5.1 | 40.9 | 0.1 | 230. |
| 7.4 | 23.4 | 2071.9 | 800.0 | 8.9 | -0.5 | 207.0 | 4.1 | 2.2 | 4.3 | 207.5 | 213.6 | 4.4 | 40.9 | 0.1 | 230. |
| 8.7 | 26.1 | 2314.0 | 775.0 | 7.5 | -1.7 | 210.8 | 5.1 | 3.0 | 5.0 | 207.8 | 213.6 | 4.5 | 40.9 | 0.1 | 230. |
| 9.4 | 28.5 | 2603.2 | 750.0 | 5.3 | -2.8 | 220.5 | 6.1 | 7.9 | 4.6 | 207.2 | 214.0 | 4.1 | 40.9 | 0.1 | 230. |
| 10.4 | 30.4 | 2470.3 | 725.0 | 2.6 | -3.5 | 224.1 | 5.1 | 4.7 | 3.9 | 207.4 | 214.1 | 4.1 | 40.9 | 0.1 | 230. |
| 11.4 | 33.3 | 3142.0 | 700.0 | 1.2 | 99.9 | 252.5 | 4.1 | 4.1 | 1.3 | 203.4 | 209.7 | 99.9 | 40.9 | 0.1 | 230. |
| 12.7 | 35.7 | 3443.1 | 675.0 | 0.4 | 99.9 | 209.1 | 7.1 | 3.2 | -1.9 | 206.1 | 209.9 | 99.9 | 40.9 | 0.1 | 230. |
| 13.7 | 38.7 | 3755.5 | 650.0 | -1.4 | 99.9 | 110.1 | 4.1 | 3.1 | -3.2 | 207.4 | 209.9 | 99.9 | 40.9 | 0.1 | 230. |
| 14.7 | 40.9 | 3744.4 | 625.0 | -3.2 | 99.9 | 308.1 | 6.1 | 5.0 | -3.4 | 208.4 | 209.9 | 99.9 | 40.9 | 0.1 | 230. |
| 15.1 | 43.4 | 4349.0 | 600.0 | -4.1 | -9.5 | 296.2 | 8.1 | 7.9 | -2.3 | 211.4 | 220.7 | 7.1 | 44.2 | 0.1 | 230. |
| 17.2 | 46.7 | 4724.4 | 575.0 | -5.5 | -12.5 | 286.6 | 10.1 | 9.6 | -2.9 | 213.6 | 221.4 | 2.5 | 44.2 | 0.1 | 230. |
| 18.5 | 49.2 | 5071.7 | 550.0 | -9.0 | 99.9 | 290.0 | 10.1 | 10.1 | -3.5 | 214.5 | 220.9 | 99.9 | 44.2 | 0.1 | 230. |
| 19.4 | 51.7 | 5371.9 | 525.0 | -9.4 | 99.9 | 294.6 | 11.1 | 10.4 | -3.2 | 214.7 | 220.9 | 99.9 | 44.2 | 0.1 | 230. |
| 21.3 | 54.6 | 5406.5 | 500.0 | -12.2 | -34.6 | 288.7 | 12.1 | 11.6 | -3.9 | 214.2 | 220.9 | 99.9 | 44.2 | 0.1 | 230. |
| 22.4 | 57.5 | 6196.4 | 475.0 | -15.1 | -34.8 | 298.3 | 13.1 | 11.6 | -6.2 | 216.3 | 220.9 | 99.9 | 44.2 | 0.1 | 230. |
| 24.4 | 60.4 | 6602.4 | 450.0 | -19.2 | -37.9 | 298.1 | 14.1 | 12.4 | -6.6 | 220.3 | 221.5 | 99.9 | 44.2 | 0.1 | 230. |
| 24.9 | 63.7 | 7026.4 | 425.0 | -22.1 | -39.0 | 291.9 | 14.1 | 11.1 | -5.5 | 220.7 | 221.5 | 99.9 | 44.2 | 0.1 | 230. |
| 27.5 | 66.9 | 7453.4 | 400.0 | -26.0 | -41.5 | 300.1 | 12.1 | 11.1 | -6.4 | 221.3 | 223.2 | 99.9 | 44.2 | 0.1 | 230. |
| 29.1 | 70.7 | 7933.1 | 375.0 | -29.3 | -47.4 | 308.9 | 11.1 | 9.4 | -6.6 | 223.4 | 223.9 | 99.9 | 44.2 | 0.1 | 230. |
| 30.3 | 73.7 | 8323.2 | 350.0 | -32.8 | -50.9 | 309.9 | 99.9 | 99.9 | 99.9 | 224.6 | 224.9 | 99.9 | 44.2 | 0.1 | 230. |
| 32.9 | 77.7 | 8940.9 | 325.0 | -36.4 | -53.1 | 999.9 | 99.9 | 99.9 | 99.9 | 325.9 | 226.2 | 99.9 | 44.2 | 0.1 | 230. |
| 35.9 | 81.9 | 9499.9 | 300.0 | -40.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 226.2 | 99.9 | 44.2 | 0.1 | 230. |
| 38.9 | 85.9 | 99.9 | 275.0 | -44.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 226.2 | 99.9 | 44.2 | 0.1 | 230. |
| 40.9 | 89.9 | 99.9 | 250.0 | -48.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 226.2 | 99.9 | 44.2 | 0.1 | 230. |
| 42.9 | 93.9 | 99.9 | 225.0 | -52.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 226.2 | 99.9 | 44.2 | 0.1 | 230. |
| 44.9 | 97.9 | 99.9 | 200.0 | -56.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 226.2 | 99.9 | 44.2 | 0.1 | 230. |
| 46.9 | 101.9 | 99.9 | 175.0 | -60.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 226.2 | 99.9 | 44.2 | 0.1 | 230. |
| 48.9 | 105.9 | 99.9 | 150.0 | -64.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 226.2 | 99.9 | 44.2 | 0.1 | 230. |
| 50.9 | 109.9 | 99.9 | 125.0 | -68.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 226.2 | 99.9 | 44.2 | 0.1 | 230. |
| 52.9 | 113.9 | 99.9 | 100.0 | -72.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 226.2 | 99.9 | 44.2 | 0.1 | 230. |
| 54.9 | 117.9 | 99.9 | 75.0 | -76.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 226.2 | 99.9 | 44.2 | 0.1 | 230. |
| 56.9 | 121.9 | 99.9 | 50.0 | -80.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 226.2 | 99.9 | 44.2 | 0.1 | 230. |
| 58.9 | 125.9 | 99.9 | 25.0 | -84.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 226.2 | 99.9 | 44.2 | 0.1 | 230. |
| 60.9 | 129.9 | 99.9 | 0.0 | -88.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 226.2 | 99.9 | 44.2 | 0.1 | 230. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 * BY SPEED MEANS ELEVATION ANGLE LESS THAN 5 DEG

STATION NO. 19
OXFORD, MISSISSIPPI

19 APRIL 1979
2305 GMT

129 196. 0

| TIME MIN | CNCT | HEIGHT GPM | DEFS IN | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DEG K | E POT T DEG K | WX PTG G/M/KG | PH PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|------------------|-----------|-------------|-----------|
| 0.0 | 6.2 | 125.0 | 1004.0 | 24.1 | 12.9 | 999.9 | 99.3 | 99.9 | 99.9 | 299.9 | 329.1 | 5.4 | 48.0 | 0.3 | 0. |
| 0.1 | 6.6 | 140.2 | 1000.0 | 24.08 | 11.2 | 999.9 | 99.3 | 99.9 | 99.9 | 299.2 | 329.1 | 4.5 | 30.5 | 999.3 | 999. |
| 0.7 | 4.6 | 192.5 | 975.0 | 24.1 | 8.5 | 999.9 | 99.3 | 99.9 | 99.9 | 299.4 | 319.0 | 7.2 | 35.9 | 999.9 | 999. |
| 1.7 | 11.3 | 439.9 | 950.0 | 22.0 | 7.3 | 129.1 | 2.2 | -1.7 | 1.4 | 299.5 | 319.1 | 6.6 | 29.7 | 0.3 | 290. |
| 2.7 | 12.4 | 939.4 | 975.0 | 19.4 | 7.1 | 166.2 | 3.7 | -0.4 | 2.6 | 299.4 | 319.2 | 6.9 | 44.0 | 0.4 | 320. |
| 3.4 | 16.1 | 1074.4 | 900.0 | 17.5 | 6.4 | 191.4 | 3.7 | 0.1 | 3.7 | 299.6 | 319.3 | 6.6 | 44.4 | 0.5 | 320. |
| 4.7 | 14.5 | 1314.3 | 875.0 | 15.1 | 5.6 | 192.3 | 3.1 | 0.7 | 3.3 | 299.5 | 317.5 | 6.6 | 57.2 | 0.7 | 333. |
| 5.4 | 21.0 | 1549.9 | 850.0 | 12.9 | 5.0 | 197.7 | 3.1 | 1.2 | 3.6 | 299.6 | 317.4 | 6.5 | 54.9 | 0.4 | 343. |
| 6.5 | 23.5 | 1909.9 | 925.0 | 10.4 | 4.3 | 197.6 | 4.1 | 1.3 | 4.2 | 299.6 | 317.1 | 6.3 | 45.9 | 1.3 | 350. |
| 7.4 | 26.1 | 2144.3 | 800.0 | 9.1 | 4.4 | 198.4 | 4.1 | 1.6 | 4.6 | 299.9 | 318.3 | 6.7 | 72.4 | 1.3 | 355. |
| 8.4 | 29.7 | 2375.0 | 775.0 | 5.7 | 4.2 | 204.0 | 5.1 | 2.2 | 5.0 | 299.9 | 318.3 | 6.9 | 59.4 | 1.5 | 360. |
| 9.4 | 31.3 | 2593.7 | 750.0 | 3.8 | 1.9 | 211.2 | 5.1 | 3.0 | 5.7 | 300.7 | 317.0 | 6.9 | 67.2 | 1.9 | 36. |
| 10.3 | 34.3 | 2949.9 | 725.0 | 0.5 | -1.9 | 212.8 | 7.1 | 1.9 | 2.9 | 302.0 | 315.0 | 4.4 | 73.9 | 2.1 | 9. |
| 11.4 | 36.4 | 3152.1 | 700.0 | -0.9 | -0.9 | 260.5 | 1.1 | 1.5 | 0.2 | 303.0 | 317.6 | 5.2 | 90.4 | 2.2 | 10. |
| 12.4 | 38.4 | 3311.9 | 675.0 | -1.4 | -0.9 | 302.6 | 2.6 | 2.2 | -1.4 | 304.9 | 320.0 | 5.7 | 90.1 | 2.2 | 13. |
| 13.6 | 40.7 | 3745.4 | 650.0 | -1.4 | -1.3 | 302.6 | 4.1 | 4.1 | -2.6 | 306.9 | 320.3 | 4.4 | 89.1 | 2.1 | 20. |
| 14.9 | 45.7 | 4357.0 | 625.0 | -3.4 | -5.0 | 301.7 | 6.1 | 5.6 | -3.4 | 309.6 | 321.3 | 4.2 | 88.9 | 2.1 | 31. |
| 15.9 | 48.1 | 4394.7 | 600.0 | -3.4 | -0.1 | 308.5 | 7.1 | 5.9 | -4.7 | 311.7 | 321.3 | 3.9 | 66.5 | 2.1 | 44. |
| 17.1 | 51.1 | 4714.6 | 575.0 | -5.6 | -11.3 | 305.5 | 8.1 | 6.6 | -6.4 | 312.3 | 320.9 | 2.8 | 69.1 | 2.2 | 54. |
| 19.5 | 54.7 | 5061.3 | 550.0 | -9.3 | -39.3 | 312.5 | 10.4 | 7.7 | -7.0 | 315.4 | 316.2 | 0.2 | 5.7 | 2.5 | 70. |
| 19.9 | 54.4 | 5472.1 | 525.0 | -9.6 | -44.5 | 316.1 | 12.0 | 8.1 | -8.7 | 316.9 | 317.5 | 0.1 | 4.2 | 3.1 | 96. |
| 21.9 | 60.4 | 5726.4 | 500.0 | -12.1 | -51.3 | 313.1 | 12.7 | 8.9 | -8.3 | 318.2 | 318.5 | 0.1 | 2.7 | 3.9 | 100. |
| 22.4 | 64.0 | 6125.7 | 475.0 | -15.3 | -45.9 | 302.9 | 13.3 | 11.1 | -7.2 | 319.0 | 319.7 | 0.2 | 7.4 | 4.9 | 106. |
| 24.0 | 67.7 | 6502.4 | 450.0 | -18.8 | -45.6 | 307.2 | 13.1 | 11.0 | -7.2 | 319.6 | 320.1 | 0.1 | 7.3 | 6.0 | 106. |
| 25.5 | 70.9 | 7015.0 | 425.0 | -22.2 | -51.7 | 316.4 | 11.4 | 7.7 | -4.2 | 320.6 | 320.9 | 0.1 | 4.9 | 7.9 | 110. |
| 27.1 | 74.4 | 7457.5 | 400.0 | -25.3 | -54.8 | 326.3 | 11.6 | 6.4 | -9.5 | 321.5 | 321.7 | 0.1 | 4.5 | 7.9 | 110. |
| 28.7 | 78.2 | 7921.2 | 375.0 | -29.6 | -55.6 | 318.1 | 12.7 | 8.5 | -9.5 | 322.5 | 322.7 | 0.1 | 5.9 | 9.1 | 110. |
| 30.4 | 82.0 | 8410.1 | 350.0 | -32.2 | -59.6 | 304.1 | 14.1 | 11.5 | -10.4 | 323.3 | 323.5 | 0.0 | 5.6 | 10.3 | 121. |
| 32.5 | 86.1 | 8933.6 | 325.0 | -35.9 | -59.6 | 304.3 | 20.1 | 16.7 | -11.4 | 329.7 | 327.4 | 0.0 | 4.6 | 12.2 | 122. |
| 34.5 | 90.4 | 9411.9 | 300.0 | -40.5 | 99.9 | 300.2 | 23.0 | 19.9 | -11.6 | 331.2 | 330.9 | 0.0 | 999.9 | 17.4 | 123. |
| 36.7 | 94.7 | 10721.6 | 250.0 | -44.2 | 99.9 | 295.6 | 27.0 | 21.6 | -10.3 | 337.0 | 337.0 | 0.0 | 999.9 | 20.7 | 122. |
| 39.1 | 99.1 | 11382.4 | 225.0 | -49.8 | 99.9 | 295.6 | 24.7 | 22.3 | -10.7 | 332.7 | 332.7 | 0.0 | 999.9 | 24.7 | 121. |
| 41.4 | 104.2 | 11382.4 | 200.0 | -56.0 | 99.9 | 294.6 | 29.7 | 25.4 | -11.7 | 338.2 | 338.2 | 0.0 | 999.9 | 28.7 | 120. |
| 44.2 | 109.5 | 12123.4 | 175.0 | -61.0 | 99.9 | 301.2 | 24.1 | 21.1 | -12.8 | 347.4 | 347.4 | 0.0 | 999.9 | 33.4 | 120. |
| 47.1 | 115.7 | 12944.7 | 150.0 | -62.1 | 99.9 | 301.4 | 26.6 | 22.7 | -13.9 | 363.1 | 363.1 | 0.0 | 999.9 | 35.3 | 120. |
| 50.5 | 121.5 | 13905.1 | 125.0 | -65.2 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 276.9 | 999.9 | 0.0 | 999.9 | 45.1 | 120. |
| 54.5 | 128.3 | 15924.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 0.0 | 999.9 | 999.9 | 999. |
| 58.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 0.0 | 999.9 | 999.9 | 999. |
| 62.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 0.0 | 999.9 | 999.9 | 999. |
| 66.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 0.0 | 999.9 | 999.9 | 999. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OF TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 19
OXFORD, MISSISSIPPI

20 APRIL 1979
205 GMT

| TIME MIN | CNTCT | HEIGHT GDM | DBES MM | TEMP DG C | DEW PT DG C | DIP DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | WX RTG CM/KG | 9M PCY | RANGE KM | AZ OG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 6.6 | 125.0 | 1004.0 | 20.1 | 18.5 | 999.9 | 99.4 | 99.9 | 99.9 | 292.9 | 320.0 | 10.4 | 70.0 | 0.0 | 7. |
| 0.1 | 6.7 | 150.7 | 1000.1 | 21.0 | 18.7 | 999.9 | 99.6 | 99.9 | 99.9 | 295.0 | 319.7 | 9.3 | 57.2 | 999.0 | 599. |
| 1.0 | 9.1 | 160.5 | 975.0 | 21.9 | 9.9 | 999.9 | 99.6 | 99.9 | 99.9 | 295.2 | 319.5 | 7.9 | 43.4 | 0.0 | 325. |
| 1.3 | 11.5 | 606.1 | 950.0 | 21.0 | 8.3 | 169.1 | 4.1 | -0.9 | 4.4 | 295.5 | 318.2 | 7.3 | 48.0 | 0.0 | 339. |
| 2.4 | 13.4 | 974.0 | 925.0 | 19.7 | 7.6 | 169.5 | 4.1 | -0.7 | 4.0 | 298.5 | 317.9 | 7.1 | 44.4 | 0.0 | 341. |
| 3.7 | 16.1 | 1370.4 | 900.0 | 18.9 | 6.7 | 187.5 | 3.1 | 0.4 | 3.2 | 299.0 | 317.7 | 6.9 | 52.4 | 0.0 | 343. |
| 4.6 | 16.7 | 1330.9 | 875.0 | 18.6 | 5.2 | 217.5 | 3.4 | 2.1 | 2.7 | 299.9 | 316.5 | 6.4 | 53.4 | 1.0 | 350. |
| 5.6 | 21.1 | 1553.1 | 850.0 | 12.4 | 5.0 | 223.4 | 3.7 | 2.3 | 2.4 | 299.2 | 316.9 | 6.5 | 60.5 | 1.0 | 358. |
| 6.5 | 27.4 | 1877.7 | 825.0 | 10.2 | 4.8 | 215.1 | 4.3 | 2.5 | 3.5 | 299.4 | 316.9 | 7.4 | 67.2 | 1.0 | 36. |
| 7.6 | 28.4 | 2155.1 | 800.0 | 7.9 | 5.6 | 194.2 | 5.2 | 1.3 | 5.1 | 299.5 | 319.0 | 7.1 | 65.8 | 1.0 | 36. |
| 8.6 | 29.0 | 2370.2 | 775.0 | 5.4 | 3.9 | 203.7 | 5.4 | 2.2 | 4.9 | 299.6 | 317.7 | 6.4 | 63.2 | 1.0 | 36. |
| 9.6 | 31.4 | 2597.9 | 750.0 | 3.2 | 0.9 | 211.5 | 5.7 | 2.9 | 4.5 | 300.1 | 315.3 | 5.5 | 63.0 | 2.0 | 12. |
| 10.7 | 34.3 | 2842.5 | 725.0 | 2.5 | -1.6 | 219.4 | 2.0 | 1.7 | 2.0 | 302.2 | 315.6 | 4.7 | 74.3 | 2.0 | 14. |
| 11.3 | 36.0 | 3144.1 | 700.0 | 1.2 | -0.4 | 305.2 | 0.6 | 0.5 | -0.3 | 313.3 | 314.9 | 5.3 | 84.7 | 2.0 | 15. |
| 12.0 | 37.0 | 3438.4 | 675.0 | -0.6 | -1.4 | 317.1 | 3.7 | 2.2 | -2.3 | 308.9 | 318.6 | 5.1 | 84.4 | 2.0 | 17. |
| 13.1 | 42.7 | 3732.7 | 650.0 | -0.9 | -3.6 | 321.0 | 6.1 | 3.9 | -4.4 | 308.0 | 317.4 | 4.5 | 81.7 | 2.0 | 20. |
| 14.7 | 45.4 | 4052.8 | 625.0 | -2.5 | -10.9 | 336.0 | 6.1 | 2.5 | -6.2 | 309.6 | 317.8 | 2.7 | 53.2 | 2.0 | 33. |
| 15.7 | 48.4 | 4374.3 | 600.0 | -3.7 | -21.3 | 339.5 | 6.4 | 2.2 | -6.0 | 311.8 | 315.4 | 1.7 | 24.2 | 1.0 | 35. |
| 16.6 | 51.4 | 4719.7 | 575.0 | -6.5 | -23.2 | 339.6 | 6.7 | 2.0 | -5.6 | 313.3 | 315.9 | 1.1 | 27.5 | 1.0 | 40. |
| 17.3 | 51.4 | 5054.7 | 550.0 | -7.9 | -49.5 | 339.6 | 9.6 | 2.9 | -7.5 | 314.8 | 315.0 | 0.1 | 1.9 | 1.0 | 74. |
| 18.3 | 52.0 | 5314.0 | 525.0 | -10.4 | -56.5 | 339.4 | 9.4 | 3.3 | -9.2 | 315.9 | 315.0 | 0.0 | 1.0 | 2.0 | 100. |
| 19.3 | 51.1 | 5530.0 | 500.0 | -12.7 | -57.4 | 331.2 | 10.7 | 5.2 | -9.4 | 317.6 | 317.7 | 0.0 | 1.0 | 2.0 | 110. |
| 20.3 | 43.4 | 5793.0 | 475.0 | -16.2 | -53.4 | 324.4 | 12.6 | 6.2 | -11.0 | 317.9 | 318.1 | 0.1 | 2.4 | 3.0 | 120. |
| 21.1 | 42.1 | 6082.4 | 450.0 | -19.0 | -55.4 | 324.4 | 10.7 | 6.2 | -8.8 | 319.4 | 319.5 | 0.0 | 2.3 | 4.0 | 130. |
| 22.4 | 41.4 | 6375.7 | 425.0 | -22.3 | -60.1 | 324.4 | 10.2 | 5.7 | -8.5 | 320.4 | 320.5 | 0.0 | 1.7 | 5.0 | 140. |
| 23.4 | 41.1 | 6677.9 | 400.0 | -25.7 | -62.3 | 322.2 | 11.2 | 6.9 | -8.4 | 321.6 | 321.9 | 0.0 | 3.0 | 6.0 | 150. |
| 24.4 | 40.0 | 6977.0 | 375.0 | -28.3 | -67.9 | 314.1 | 13.9 | 10.0 | -9.7 | 324.1 | 324.2 | 0.0 | 2.1 | 7.0 | 160. |
| 25.1 | 38.9 | 7277.0 | 350.0 | -31.6 | -63.9 | 317.2 | 17.0 | 12.1 | -13.1 | 326.1 | 326.2 | 0.0 | 2.4 | 9.0 | 170. |
| 26.1 | 37.4 | 7577.0 | 325.0 | -35.4 | -64.1 | 320.2 | 21.6 | 13.8 | -16.6 | 327.9 | 327.9 | 0.0 | 3.5 | 11.0 | 180. |
| 27.1 | 36.0 | 7877.0 | 300.0 | -39.9 | -65.2 | 315.3 | 25.1 | 18.2 | -19.3 | 329.2 | 329.3 | 0.0 | 7.1 | 14.0 | 190. |
| 28.1 | 34.4 | 8177.0 | 275.0 | -45.0 | -69.9 | 305.3 | 28.1 | 23.1 | -16.3 | 330.1 | 330.1 | 99.9 | 99.9 | 15.0 | 200. |
| 29.1 | 32.9 | 8477.0 | 250.0 | -50.6 | -69.9 | 301.4 | 31.4 | 27.1 | -16.6 | 331.9 | 331.9 | 99.9 | 99.9 | 22.0 | 210. |
| 30.1 | 31.4 | 8777.0 | 225.0 | -56.4 | -69.9 | 299.4 | 30.0 | 26.4 | -14.3 | 332.1 | 332.1 | 99.9 | 99.9 | 27.0 | 220. |
| 31.1 | 30.0 | 9077.0 | 200.0 | -62.2 | -69.9 | 302.2 | 30.4 | 25.7 | -16.2 | 334.3 | 334.3 | 99.9 | 99.9 | 32.0 | 230. |
| 32.1 | 28.9 | 9377.0 | 175.0 | -68.2 | -69.9 | 306.6 | 27.0 | 24.1 | -15.2 | 336.1 | 336.1 | 99.9 | 99.9 | 37.0 | 240. |
| 33.1 | 27.4 | 9677.0 | 150.0 | -73.7 | -69.9 | 306.6 | 27.0 | 22.4 | -16.6 | 337.6 | 337.6 | 99.9 | 99.9 | 44.0 | 250. |
| 34.1 | 26.0 | 9977.0 | 125.0 | -78.3 | -69.9 | 306.6 | 27.0 | 20.9 | -16.6 | 338.6 | 338.6 | 99.9 | 99.9 | 51.0 | 260. |
| 35.1 | 24.4 | 10277.0 | 100.0 | -83.9 | -69.9 | 306.6 | 27.0 | 19.9 | -16.6 | 339.6 | 339.6 | 99.9 | 99.9 | 58.0 | 270. |
| 36.1 | 22.9 | 10577.0 | 75.0 | -89.9 | -69.9 | 306.6 | 27.0 | 18.9 | -16.6 | 340.6 | 340.6 | 99.9 | 99.9 | 65.0 | 280. |
| 37.1 | 21.4 | 10877.0 | 50.0 | -95.9 | -69.9 | 306.6 | 27.0 | 17.9 | -16.6 | 341.6 | 341.6 | 99.9 | 99.9 | 72.0 | 290. |
| 38.1 | 20.0 | 11177.0 | 25.0 | -101.9 | -69.9 | 306.6 | 27.0 | 16.9 | -16.6 | 342.6 | 342.6 | 99.9 | 99.9 | 79.0 | 300. |
| 39.1 | 18.5 | 11477.0 | 0.0 | -107.9 | -69.9 | 306.6 | 27.0 | 15.9 | -16.6 | 343.6 | 343.6 | 99.9 | 99.9 | 86.0 | 310. |
| 40.1 | 17.0 | 11777.0 | 0.0 | -113.9 | -69.9 | 306.6 | 27.0 | 14.9 | -16.6 | 344.6 | 344.6 | 99.9 | 99.9 | 93.0 | 320. |
| 41.1 | 15.5 | 12077.0 | 0.0 | -119.9 | -69.9 | 306.6 | 27.0 | 13.9 | -16.6 | 345.6 | 345.6 | 99.9 | 99.9 | 100.0 | 330. |
| 42.1 | 14.0 | 12377.0 | 0.0 | -125.9 | -69.9 | 306.6 | 27.0 | 12.9 | -16.6 | 346.6 | 346.6 | 99.9 | 99.9 | 107.0 | 340. |
| 43.1 | 12.5 | 12677.0 | 0.0 | -131.9 | -69.9 | 306.6 | 27.0 | 11.9 | -16.6 | 347.6 | 347.6 | 99.9 | 99.9 | 114.0 | 350. |
| 44.1 | 11.0 | 12977.0 | 0.0 | -137.9 | -69.9 | 306.6 | 27.0 | 10.9 | -16.6 | 348.6 | 348.6 | 99.9 | 99.9 | 121.0 | 360. |
| 45.1 | 9.5 | 13277.0 | 0.0 | -143.9 | -69.9 | 306.6 | 27.0 | 9.9 | -16.6 | 349.6 | 349.6 | 99.9 | 99.9 | 128.0 | 370. |
| 46.1 | 8.0 | 13577.0 | 0.0 | -149.9 | -69.9 | 306.6 | 27.0 | 8.9 | -16.6 | 350.6 | 350.6 | 99.9 | 99.9 | 135.0 | 380. |
| 47.1 | 6.5 | 13877.0 | 0.0 | -155.9 | -69.9 | 306.6 | 27.0 | 7.9 | -16.6 | 351.6 | 351.6 | 99.9 | 99.9 | 142.0 | 390. |
| 48.1 | 5.0 | 14177.0 | 0.0 | -161.9 | -69.9 | 306.6 | 27.0 | 6.9 | -16.6 | 352.6 | 352.6 | 99.9 | 99.9 | 149.0 | 400. |
| 49.1 | 3.5 | 14477.0 | 0.0 | -167.9 | -69.9 | 306.6 | 27.0 | 5.9 | -16.6 | 353.6 | 353.6 | 99.9 | 99.9 | 156.0 | 410. |
| 50.1 | 2.0 | 14777.0 | 0.0 | -173.9 | -69.9 | 306.6 | 27.0 | 4.9 | -16.6 | 354.6 | 354.6 | 99.9 | 99.9 | 163.0 | 420. |
| 51.1 | 0.5 | 15077.0 | 0.0 | -179.9 | -69.9 | 306.6 | 27.0 | 3.9 | -16.6 | 355.6 | 355.6 | 99.9 | 99.9 | 170.0 | 430. |

9 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
9 BY TEMP MEANS TEMPERATURE OF TIME HAVE BEEN INTERPOLATED
9 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 19
OXFORD, MISSISSIPPI20 APRIL 1979
005 GMT

| TIME MIN | CNTCT | HEIGHT GMS | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | WIND GWS | RM PCT | 117 103. 0 |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-------------|-----------|------------|
| 0.0 | 6.4 | 125.0 | 1003.0 | 15.2 | 12.9 | 099.9 | 09.9 | 09.9 | 09.9 | 299.1 | 312.1 | 9.4 | 94.3 | 0.0 0- |
| 0.1 | 6.7 | 150.7 | 1000.0 | 17.3 | 10.9 | 099.9 | 09.9 | 09.9 | 09.9 | 299.5 | 312.0 | 8.2 | 94.6 | 099.9 299- |
| 1.0 | 9.4 | 771.1 | 975.0 | 23.5 | 8.6 | 099.9 | 09.9 | 09.9 | 09.9 | 298.8 | 318.4 | 7.2 | 94.7 | 0.4 356- |
| 1.8 | 10.0 | 504.7 | 950.0 | 20.9 | 8.9 | 247.5 | 1.7 | 1.5 | 0.6 | 298.4 | 318.8 | 7.5 | 45.4 | 0.4 2- |
| 2.7 | 13.1 | 926.5 | 925.0 | 18.6 | 5.1 | 199.1 | 3.1 | 1.0 | 2.9 | 298.4 | 318.9 | 6.0 | 41.0 | 0.4 5- |
| 3.6 | 15.1 | 1361.0 | 900.0 | 17.1 | 1.4 | 209.5 | 3.4 | 1.8 | 3.3 | 298.1 | 312.7 | 4.0 | 35.8 | 0.4 10- |
| 4.5 | 17.5 | 1303.3 | 875.0 | 14.8 | 3.7 | 213.7 | 3.5 | 1.9 | 2.9 | 292.2 | 315.1 | 5.7 | 47.3 | 0.4 14- |
| 5.4 | 19.7 | 1538.5 | 850.0 | 12.6 | -1.4 | 223.4 | 4.2 | 2.9 | 3.0 | 290.3 | 318.9 | 4.1 | 74.1 | 0.4 18- |
| 6.4 | 22.0 | 1798.1 | 825.0 | 10.4 | 0.9 | 234.3 | 5.1 | 4.1 | 3.0 | 290.6 | 317.5 | 5.0 | 51.9 | 1.4 25- |
| 7.3 | 24.4 | 2040.5 | 800.0 | 9.0 | 0.9 | 232.0 | 6.1 | 4.8 | 3.7 | 290.7 | 318.0 | 5.1 | 67.5 | 1.7 27- |
| 8.3 | 26.6 | 2310.8 | 775.0 | 6.2 | -1.9 | 229.4 | 6.3 | 4.9 | 4.2 | 300.5 | 312.7 | 4.1 | 64.2 | 2.0 32- |
| 9.3 | 29.0 | 2579.7 | 750.0 | 4.2 | -1.5 | 224.5 | 6.3 | 4.4 | 4.5 | 301.1 | 314.1 | 4.6 | 66.6 | 2.4 36- |
| 10.2 | 31.3 | 2858.4 | 725.0 | 2.9 | 2.5 | 223.2 | 5.3 | 4.0 | 4.3 | 303.6 | 320.4 | 4.4 | 67.9 | 2.7 36- |
| 11.2 | 33.4 | 3138.5 | 700.0 | 1.7 | 2.4 | 244.1 | 4.5 | 4.1 | 2.0 | 304.4 | 320.4 | 5.7 | 91.4 | 3.0 35- |
| 12.3 | 36.1 | 3431.3 | 675.0 | 0.3 | -5.1 | 269.8 | 2.1 | 2.4 | 0.0 | 304.0 | 317.4 | 3.9 | 67.3 | 3.2 40- |
| 13.4 | 39.4 | 3713.3 | 650.0 | -1.6 | -4.3 | 0.5 | 0.3 | -0.0 | -0.6 | 307.2 | 316.5 | 3.1 | 60.1 | 3.3 41- |
| 14.4 | 41.4 | 4044.4 | 625.0 | -3.0 | -4.7 | 142.4 | 0.3 | 0.3 | -0.4 | 303.0 | 317.4 | 2.2 | 69.2 | 3.2 41- |
| 15.4 | 44.0 | 4345.9 | 600.0 | -4.9 | -14.9 | 324.7 | 2.1 | 1.2 | -1.6 | 310.4 | 315.0 | 1.4 | 32.4 | 3.2 43- |
| 16.7 | 46.7 | 4635.5 | 575.0 | -6.5 | -24.4 | 322.8 | 1.3 | 1.2 | -1.5 | 312.4 | 314.5 | 0.4 | 15.5 | 3.2 45- |
| 18.0 | 49.4 | 5037.4 | 450.0 | -7.4 | -34.3 | 323.2 | 2.2 | 1.3 | -1.7 | 315.1 | 316.2 | 0.2 | 5.3 | 3.2 48- |
| 19.3 | 52.1 | 5317.4 | 425.0 | -9.4 | -50.4 | 323.6 | 4.1 | 2.3 | -3.2 | 317.2 | 317.5 | 0.1 | 1.9 | 3.2 53- |
| 20.7 | 54.1 | 5742.3 | 500.0 | -12.0 | -51.0 | 120.9 | 4.0 | 2.3 | -3.6 | 317.4 | 314.6 | 0.1 | 2.2 | 3.2 59- |
| 22.1 | 59.1 | 6172.6 | 475.0 | -14.6 | -51.8 | 316.0 | 5.1 | 3.7 | -3.8 | 310.9 | 320.2 | 0.1 | 2.5 | 3.3 66- |
| 23.5 | 61.1 | 6570.6 | 450.0 | -17.9 | -51.3 | 323.9 | 6.1 | 3.7 | -5.1 | 320.9 | 321.2 | 0.1 | 3.5 | 3.4 73- |
| 24.9 | 63.3 | 7003.3 | 425.0 | -21.0 | -52.4 | 329.7 | 9.2 | 4.3 | -7.0 | 322.1 | 323.1 | 0.1 | 3.4 | 3.7 83- |
| 26.5 | 67.5 | 7449.2 | 400.0 | -24.1 | -54.4 | 325.7 | 10.1 | 5.6 | -8.3 | 323.6 | 323.9 | 0.1 | 4.5 | 5.0 104- |
| 28.2 | 70.0 | 7917.3 | 375.0 | -27.1 | -54.0 | 321.7 | 15.1 | 7.2 | -10.2 | 327.8 | 328.1 | 0.1 | 7.1 | 6.2 114- |
| 30.1 | 74.4 | 8411.1 | 350.0 | -30.4 | -54.4 | 311.0 | 17.1 | 10.1 | -14.2 | 328.8 | 329.1 | 0.1 | 13.9 | 7.4 123- |
| 32.0 | 77.0 | 9073.2 | 325.0 | -34.8 | -53.3 | 324.6 | 16.7 | 14.1 | -12.3 | 329.5 | 329.0 | 0.1 | 09.9 | 9.6 125- |
| 33.4 | 81.7 | 9446.4 | 300.0 | -39.6 | 99.9 | 311.0 | 16.7 | 14.1 | -14.4 | 331.0 | 329.9 | 0.1 | 09.9 | 12.2 126- |
| 34.0 | 85.7 | 10075.5 | 275.0 | -44.4 | 99.9 | 302.7 | 26.4 | 18.0 | -14.4 | 331.8 | 329.9 | 0.1 | 09.9 | 15.4 126- |
| 36.3 | 89.4 | 10706.5 | 250.0 | -50.7 | 99.9 | 299.4 | 30.1 | 26.4 | -14.3 | 331.8 | 329.9 | 0.1 | 09.9 | 20.3 125- |
| 38.3 | 93.7 | 11199.2 | 225.0 | -54.2 | 99.9 | 294.2 | 36.1 | 33.1 | -14.9 | 335.6 | 329.9 | 0.1 | 09.9 | 25.4 123- |
| 43.4 | 99.4 | 12131.2 | 200.0 | -61.4 | 99.9 | 294.2 | 36.1 | 33.1 | -14.9 | 340.2 | 329.9 | 0.1 | 09.9 | 31.4 122- |
| 46.1 | 103.0 | 12047.4 | 175.0 | -64.5 | 99.9 | 302.0 | 36.1 | 28.9 | -14.9 | 358.2 | 329.9 | 0.1 | 09.9 | 36.1 123- |
| 48.0 | 109.4 | 11942.1 | 150.0 | -65.0 | 99.9 | 310.0 | 26.0 | 20.4 | -17.1 | 378.2 | 329.9 | 0.1 | 09.9 | 41.2 123- |
| 52.7 | 115.4 | 14007.3 | 125.0 | -67.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 999- |
| 59.0 | 09.0 | 39.0 | 120.0 | 92.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 999- |
| 00.7 | 08.0 | 00.0 | 75.0 | 99.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 999- |
| 00.0 | 00.0 | 00.0 | 50.0 | 99.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 999- |
| 00.0 | 00.0 | 00.0 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 999- |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 19
 OXFORD, MISSISSIPPI

 20 APRIL 1979
 1105 GMT

| TIME MIN | CNTCT | HEIGHT GMS | POSS WB | TEMP DG C | NEW DT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | POT Y DG K | WX BTG GM/KG | PH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|---------------|-----------------|-----------|-------------|----------|
| 0.0 | 6.7 | 125.0 | 1003.0 | 17.1 | 14.0 | 999.9 | 99.9 | 99.9 | 99.9 | 200.0 | 216.0 | 10.1 | 22.0 | 0.0 | 0. |
| 0.2 | 7.0 | 150.6 | 1000.0 | 14.4 | 11.9 | 999.9 | 99.9 | 99.9 | 99.9 | 240.6 | 212.4 | 9.9 | 78.7 | 999.9 | 509. |
| 0.4 | 8.2 | 745.4 | 975.0 | 21.3 | 5.2 | 999.9 | 99.9 | 99.9 | 99.9 | 240.6 | 212.2 | 9.7 | 78.8 | 0.3 | 241. |
| 1.0 | 11.4 | 907.0 | 940.0 | 20.1 | 4.9 | 187.3 | 4.0 | 0.6 | 4.4 | 297.6 | 317.0 | 5.4 | 34.1 | 0.6 | 255. |
| 2.7 | 13.9 | 822.2 | 925.0 | 18.7 | 4.6 | 183.2 | 3.0 | 0.2 | 3.9 | 298.5 | 314.3 | 5.8 | 40.1 | 0.9 | 259. |
| 3.4 | 14.3 | 1056.4 | 900.0 | 16.4 | 3.0 | 199.5 | 4.0 | 1.3 | 3.7 | 298.4 | 313.7 | 4.7 | 40.1 | 1.0 | 240. |
| 4.7 | 14.7 | 1295.7 | 975.0 | 14.1 | 2.3 | 208.4 | 4.0 | 2.2 | 4.1 | 298.7 | 313.0 | 5.2 | 44.1 | 1.2 | 5. |
| 5.7 | 21.2 | 1535.2 | 950.0 | 12.3 | 5.2 | 212.0 | 4.0 | 2.5 | 4.1 | 298.9 | 312.9 | 6.4 | 42.2 | 1.6 | 11. |
| 6.6 | 21.5 | 1732.0 | 925.0 | 10.1 | 7.7 | 208.4 | 3.1 | 1.8 | 3.4 | 298.3 | 312.2 | 4.1 | 45.7 | 1.7 | 13. |
| 7.7 | 24.0 | 2034.7 | 900.0 | 7.4 | 7.2 | 220.5 | 4.0 | 3.0 | 3.5 | 298.5 | 321.3 | 9.0 | 45.3 | 2.0 | 16. |
| 8.4 | 24.6 | 2304.0 | 775.0 | 4.1 | 4.2 | 225.6 | 5.0 | 4.1 | 4.0 | 298.4 | 318.9 | 6.7 | 42.5 | 2.3 | 12. |
| 9.4 | 21.1 | 2448.3 | 750.0 | 4.4 | -1.2 | 240.7 | 7.0 | 4.1 | 3.5 | 301.4 | 318.7 | 4.7 | 42.7 | 2.5 | 24. |
| 11.0 | 21.4 | 2843.2 | 775.0 | 7.9 | -5.7 | 245.0 | 7.0 | 7.2 | 3.2 | 292.6 | 312.6 | 3.4 | 51.1 | 2.0 | 31. |
| 12.2 | 24.4 | 3121.2 | 700.0 | 0.7 | -7.4 | 245.2 | 6.0 | 5.5 | 2.5 | 297.2 | 314.3 | 4.6 | 40.3 | 3.5 | 76. |
| 13.2 | 22.1 | 3121.9 | 675.0 | -2.5 | -2.0 | 257.0 | 2.0 | 2.5 | 0.5 | 305.1 | 319.1 | 4.9 | 42.4 | 3.7 | 38. |
| 14.5 | 41.4 | 3071.6 | 600.0 | -3.3 | -3.4 | 257.3 | 1.0 | 1.1 | 0.3 | 305.3 | 318.1 | 4.4 | 44.0 | 3.4 | 19. |
| 15.5 | 43.4 | 3125.0 | 675.0 | -4.5 | -4.0 | 249.2 | 1.6 | 1.2 | 0.6 | 307.3 | 316.5 | 3.1 | 40.5 | 3.0 | 19. |
| 16.7 | 47.4 | 3355.9 | 600.0 | -5.3 | -4.5 | 239.1 | 2.0 | 1.7 | 1.0 | 310.1 | 315.6 | 1.8 | 41.5 | 3.9 | 40. |
| 17.4 | 51.4 | 3600.1 | 575.0 | -6.3 | -4.6 | 223.6 | 3.0 | 2.6 | 2.7 | 312.5 | 313.7 | 0.3 | 42.1 | 4.1 | 40. |
| 18.1 | 51.3 | 3717.1 | 550.0 | -7.0 | -3.4 | 225.1 | 3.0 | 2.2 | 2.2 | 314.7 | 315.7 | 0.3 | 42.1 | 4.5 | 41. |
| 20.4 | 54.4 | 3900.9 | 525.0 | -10.4 | -4.0 | 163.5 | 0.0 | -0.2 | 0.7 | 315.9 | 316.4 | 7.2 | 3.6 | 4.6 | 41. |
| 21.4 | 54.5 | 3770.4 | 500.0 | -12.0 | -4.5 | 21.4 | 0.4 | -0.3 | -0.9 | 317.2 | 317.5 | 0.1 | 3.2 | 4.6 | 41. |
| 23.4 | 42.7 | 4152.3 | 475.0 | -15.4 | -5.1 | 140.8 | 2.4 | 0.8 | -2.2 | 318.7 | 319.0 | 0.1 | 3.2 | 4.5 | 42. |
| 24.1 | 44.0 | 4534.7 | 450.0 | -18.4 | -5.6 | 337.3 | 3.4 | 1.3 | -3.1 | 320.1 | 320.4 | 0.1 | 3.5 | 4.4 | 43. |
| 26.1 | 49.4 | 4580.1 | 425.0 | -21.2 | -5.8 | 335.0 | 5.1 | 2.2 | -4.7 | 321.4 | 322.0 | 0.1 | 3.3 | 4.1 | 43. |
| 27.7 | 72.0 | 7433.4 | 400.0 | -24.4 | -51.4 | 340.4 | 7.1 | 2.4 | -6.7 | 323.3 | 323.6 | 0.1 | 4.0 | 4.1 | 43. |
| 29.5 | 76.4 | 7907.3 | 375.0 | -27.7 | -54.9 | 339.0 | 9.1 | 3.1 | -8.2 | 324.0 | 325.2 | 0.1 | 5.4 | 4.3 | 49. |
| 31.1 | 80.3 | 8107.6 | 350.0 | -32.6 | -53.3 | 344.0 | 11.0 | 3.3 | -11.5 | 327.4 | 327.6 | 0.1 | 4.8 | 4.1 | 45. |
| 32.3 | 84.3 | 8315.5 | 325.0 | -34.6 | -53.9 | 330.6 | 13.1 | 6.4 | -11.4 | 329.0 | 329.3 | 0.1 | 12.0 | 4.6 | 170. |
| 34.8 | 84.3 | 9149.1 | 300.0 | -39.7 | 90.0 | 312.3 | 16.1 | 11.9 | -10.8 | 329.4 | 329.9 | 99.9 | 66.3 | 5.0 | 112. |
| 36.2 | 91.7 | 10544.4 | 275.0 | -44.2 | 90.2 | 302.5 | 19.4 | 15.7 | -12.6 | 331.2 | 330.0 | 99.9 | 64.3 | 9.1 | 115. |
| 38.1 | 97.2 | 13503.2 | 250.0 | -48.0 | 90.4 | 294.6 | 25.0 | 22.7 | -12.4 | 333.2 | 333.0 | 99.9 | 60.3 | 10.9 | 119. |
| 41.2 | 102.0 | 11722.2 | 225.0 | -54.7 | 90.9 | 294.9 | 31.0 | 31.2 | -10.6 | 334.6 | 334.0 | 99.9 | 60.3 | 14.9 | 117. |
| 43.7 | 107.4 | 11114.3 | 200.0 | -61.2 | 90.0 | 286.9 | 33.6 | 32.3 | -9.4 | 335.9 | 335.9 | 99.9 | 60.3 | 19.7 | 114. |
| 46.2 | 113.1 | 12311.6 | 175.0 | -64.3 | 90.9 | 308.3 | 27.6 | 21.7 | -17.1 | 343.6 | 343.6 | 99.9 | 60.3 | 24.7 | 114. |
| 48.4 | 119.5 | 13423.4 | 150.0 | -65.3 | 90.9 | 314.4 | 25.0 | 18.5 | -14.1 | 347.7 | 347.7 | 99.9 | 60.3 | 30.8 | 118. |
| 51.4 | 124.3 | 14300.4 | 125.0 | -61.0 | 90.9 | 303.0 | 19.5 | 15.5 | -10.1 | 343.0 | 343.0 | 99.9 | 60.3 | 34.2 | 117. |
| 54.1 | 131.1 | 16353.7 | 100.0 | -64.9 | 90.0 | 999.9 | 99.9 | 99.9 | 99.9 | 403.4 | 403.4 | 99.9 | 60.3 | 39.9 | 93. |
| 58.2 | 93.0 | 97.2 | 75.0 | 90.2 | 90.2 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 60.3 | 99.9 | 99.9 |
| 60.3 | 93.3 | 90.0 | 50.0 | 90.9 | 90.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 60.3 | 99.9 | 99.9 |
| 60.3 | 93.3 | 90.0 | 25.0 | 90.9 | 90.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 60.3 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 4 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 229
CENTERVILLE, ALABAMA

19 APRIL 1979
1101 GMT

| TIME MIN | CNTCS | WEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | V COMP M/SEC | POT T DEG K | E POT T DEG K | MX RFO GM/KG | RM PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|----------------|------------------|-----------------|-----------|-------------|-----------|
| 0.2 | 6.2 | 140.0 | 1005.1 | 13.8 | 7.1 | 40.0 | 3.6 | -2.3 | 286.5 | 303.0 | 6.3 | 64.0 | 0.0 | 0. |
| 0.3 | 6.6 | 143.1 | 1000.0 | 14.5 | 4.8 | 99.9 | 99.9 | 99.9 | 287.7 | 302.0 | 5.4 | 52.7 | 999.9 | 999. |
| 0.4 | 6.9 | 133.4 | 975.0 | 14.1 | -2.9 | 99.9 | 99.9 | 99.9 | 293.4 | 302.2 | 3.2 | 23.8 | 999.9 | 999. |
| 1.3 | 11.3 | 620.9 | 950.0 | 16.6 | -2.3 | 99.9 | 99.9 | 99.9 | 296.0 | 306.1 | 3.6 | 25.5 | 999.9 | 999. |
| 2.1 | 13.6 | 369.2 | 925.0 | 17.8 | 5.3 | 99.9 | 99.9 | 99.9 | 297.6 | 314.1 | 6.1 | 43.6 | 999.9 | 999. |
| 2.3 | 16.1 | 1092.7 | 900.0 | 16.0 | 5.0 | 99.9 | 99.9 | 99.9 | 298.0 | 314.8 | 6.1 | 43.0 | 999.9 | 999. |
| 3.5 | 18.5 | 1321.4 | 875.0 | 14.0 | 4.8 | 99.9 | 99.9 | 99.9 | 298.3 | 315.3 | 6.2 | 43.8 | 999.9 | 999. |
| 4.3 | 21.0 | 1555.3 | 850.0 | 12.6 | 2.9 | 99.9 | 99.9 | 99.9 | 299.7 | 314.8 | 5.6 | 51.6 | 999.9 | 999. |
| 5.0 | 23.4 | 1915.2 | 825.0 | 10.5 | 0.9 | 341.7 | 5.0 | 1.6 | 299.7 | 313.5 | 5.0 | 51.3 | 1.2 | 205. |
| 5.3 | 26.0 | 2370.7 | 800.0 | 8.9 | -5.6 | 340.6 | 5.5 | 1.8 | 300.6 | 309.1 | 2.9 | 32.7 | 1.4 | 198. |
| 6.5 | 28.5 | 2332.6 | 775.0 | 6.8 | -11.2 | 338.5 | 6.3 | 2.3 | 301.2 | 307.5 | 2.1 | 25.6 | 1.6 | 192. |
| 7.1 | 31.1 | 2501.1 | 750.0 | 5.3 | -10.4 | 333.6 | 6.5 | 2.9 | 302.3 | 309.2 | 2.3 | 31.1 | 1.9 | 187. |
| 8.1 | 33.8 | 2977.2 | 725.0 | 3.6 | -9.2 | 323.2 | 5.5 | 3.3 | 303.4 | 311.2 | 2.6 | 38.5 | 2.1 | 182. |
| 8.7 | 36.4 | 3161.1 | 700.0 | 1.6 | -10.7 | 323.6 | 5.1 | 3.0 | 304.8 | 311.5 | 2.4 | 39.5 | 2.3 | 178. |
| 9.7 | 39.1 | 3652.9 | 675.0 | -0.8 | -12.0 | 323.3 | 5.0 | 3.0 | 306.0 | 314.8 | 3.0 | 61.7 | 2.7 | 171. |
| 10.7 | 41.9 | 3753.4 | 650.0 | -2.7 | -9.0 | 322.0 | 4.2 | 2.6 | 307.3 | 314.6 | 2.4 | 55.0 | 2.9 | 170. |
| 11.7 | 44.8 | 4063.6 | 625.0 | -4.5 | -12.1 | 340.8 | 1.6 | 0.5 | 309.7 | 314.7 | 1.6 | 37.7 | 2.9 | 170. |
| 12.5 | 47.6 | 4334.6 | 600.0 | -5.5 | -17.6 | 118.6 | 1.7 | -1.5 | 311.4 | 313.8 | 0.7 | 19.0 | 2.7 | 172. |
| 13.5 | 50.5 | 4717.2 | 575.0 | -7.4 | -27.0 | 138.6 | 3.6 | -2.4 | 312.2 | 315.5 | 1.0 | 31.5 | 2.5 | 174. |
| 14.5 | 53.5 | 5051.8 | 550.0 | -17.1 | -23.8 | 150.9 | 3.4 | -1.7 | 314.4 | 317.0 | 0.8 | 26.4 | 2.4 | 175. |
| 15.5 | 56.5 | 5418.9 | 525.0 | -11.7 | -27.3 | 208.0 | 2.5 | 1.0 | 316.1 | 319.8 | 1.1 | 44.4 | 2.3 | 171. |
| 16.4 | 59.6 | 5791.4 | 500.0 | -13.9 | -23.8 | 258.4 | 3.7 | 3.7 | 317.1 | 323.2 | 1.9 | 91.0 | 2.5 | 164. |
| 17.7 | 62.9 | 6179.1 | 475.0 | -16.9 | -18.0 | 295.7 | 6.5 | 5.9 | 319.7 | 324.5 | 1.5 | 75.9 | 2.9 | 156. |
| 19.3 | 66.1 | 5594.1 | 450.0 | -18.7 | -21.8 | 297.2 | 8.2 | 7.3 | 320.7 | 324.4 | 1.1 | 72.9 | 3.4 | 149. |
| 20.2 | 69.6 | 7237.7 | 425.0 | -22.1 | -25.6 | 278.5 | 8.3 | 8.2 | 321.8 | 325.0 | 0.9 | 73.5 | 3.8 | 140. |
| 21.5 | 73.0 | 7459.6 | 400.0 | -25.5 | -28.0 | 277.4 | 8.1 | 8.1 | 324.5 | 326.3 | 0.5 | 51.4 | 4.4 | 134. |
| 23.1 | 76.7 | 7316.3 | 375.0 | -28.0 | -34.9 | 283.6 | 8.8 | 8.5 | 325.6 | 326.9 | 0.4 | 49.2 | 5.3 | 129. |
| 24.7 | 80.4 | 8077.7 | 350.0 | -32.0 | -39.1 | 293.9 | 10.7 | 9.7 | 326.4 | 327.3 | 0.3 | 52.0 | 6.3 | 128. |
| 26.4 | 84.3 | 8926.4 | 325.0 | -36.5 | -42.8 | 301.0 | 10.8 | 9.3 | 327.2 | 327.3 | 99.9 | 999.9 | 7.5 | 125. |
| 29.3 | 92.7 | 10359.6 | 275.0 | -41.3 | 99.9 | 291.8 | 14.3 | 13.3 | 327.4 | 327.4 | 99.9 | 999.9 | 9.1 | 122. |
| 31.3 | 97.2 | 11344.0 | 250.0 | -46.9 | 99.9 | 281.7 | 18.8 | 18.4 | 329.3 | 329.3 | 99.9 | 999.9 | 11.5 | 117. |
| 34.3 | 102.0 | 11341.9 | 225.0 | -50.1 | 99.9 | 283.6 | 21.3 | 20.7 | 332.6 | 332.6 | 99.9 | 999.9 | 14.8 | 116. |
| 36.7 | 106.4 | 12102.3 | 200.0 | -53.8 | 99.9 | 292.5 | 25.2 | 23.2 | 336.5 | 336.5 | 99.9 | 999.9 | 18.8 | 115. |
| 39.5 | 112.4 | 12928.4 | 175.0 | -52.1 | 99.9 | 293.4 | 23.1 | 21.2 | 347.4 | 347.4 | 99.9 | 999.9 | 23.4 | 114. |
| 42.3 | 118.5 | 13993.2 | 150.0 | -52.4 | 99.9 | 282.1 | 23.4 | 22.9 | 362.5 | 362.5 | 99.9 | 999.9 | 27.4 | 116. |
| 46.5 | 125.0 | 15002.6 | 125.0 | -53.8 | 99.9 | 285.9 | 25.4 | 24.5 | 379.5 | 379.5 | 99.9 | 999.9 | 33.1 | 113. |
| 50.3 | 132.3 | 16346.3 | 100.0 | -55.7 | 99.9 | 288.7 | 23.0 | 21.7 | 400.8 | 400.8 | 99.9 | 999.9 | 39.1 | 112. |
| 54.5 | 141.0 | 18132.5 | 75.0 | -56.4 | 99.9 | 289.0 | 14.5 | 13.7 | 433.7 | 433.7 | 99.9 | 999.9 | 45.1 | 112. |
| 63.8 | 159.3 | 20578.4 | 50.0 | -50.1 | 99.9 | 297.0 | 7.9 | 7.1 | 501.0 | 501.0 | 99.9 | 999.9 | 49.8 | 112. |
| 75.6 | 180.7 | 25036.6 | 25.0 | -43.9 | 99.9 | 999.9 | 99.9 | 99.9 | 658.9 | 658.9 | 99.9 | 999.9 | 999.9 | 999. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 229
CENTERVILLE, ALABAMA

19 APRIL 1979
1403 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 6.7 | 140.0 | 1006.6 | 19.0 | 2.3 | 40.0 | 4.1 | -2.6 | -3.1 | 290.6 | 302.8 | 4.5 | 35.0 | 0.0 | 0.0 |
| 0.2 | 6.6 | 196.2 | 1000.0 | 17.8 | 3.8 | 70.2 | 7.0 | -6.6 | -2.4 | 289.9 | 303.4 | 5.0 | 42.2 | 0.1 | 293.0 |
| 0.9 | 6.9 | 411.5 | 975.0 | 17.7 | -3.7 | 85.8 | 7.1 | -7.1 | -0.5 | 293.0 | 301.4 | 3.0 | 23.3 | 0.4 | 261.0 |
| 1.9 | 11.0 | 633.5 | 950.0 | 17.9 | -4.0 | 67.7 | 5.1 | -4.7 | -1.9 | 295.3 | 303.8 | 3.0 | 22.2 | 0.7 | 262.0 |
| 2.5 | 13.3 | 961.2 | 925.0 | 17.2 | -2.0 | 32.9 | 4.6 | -2.5 | -3.9 | 296.9 | 307.3 | 3.7 | 29.2 | 0.8 | 254.0 |
| 3.4 | 15.5 | 1094.3 | 900.0 | 15.6 | 5.3 | 353.7 | 4.8 | 0.5 | -4.8 | 297.6 | 314.7 | 6.0 | 50.4 | 1.0 | 242.0 |
| 4.3 | 17.8 | 1332.6 | 875.0 | 13.7 | 4.4 | 338.9 | 6.0 | 2.5 | -5.4 | 298.0 | 314.5 | 6.0 | 53.7 | 1.0 | 225.0 |
| 5.3 | 20.2 | 1576.4 | 850.0 | 12.4 | 3.0 | 999.9 | 99.9 | 99.9 | 99.9 | 299.1 | 314.7 | 5.6 | 52.8 | 1.2 | 211.0 |
| 6.2 | 22.5 | 1826.2 | 825.0 | 10.8 | 0.0 | 999.9 | 99.9 | 99.9 | 99.9 | 300.1 | 313.2 | 4.7 | 47.2 | 999.9 | 999.9 |
| 7.1 | 24.7 | 2082.1 | 800.0 | 9.4 | -4.7 | 999.9 | 99.9 | 99.9 | 99.9 | 301.2 | 311.0 | 3.4 | 35.4 | 999.9 | 999.9 |
| 8.1 | 27.1 | 2344.7 | 775.0 | 7.8 | -11.1 | 999.9 | 99.9 | 99.9 | 99.9 | 302.2 | 308.5 | 2.1 | 28.8 | 999.9 | 999.9 |
| 9.1 | 29.7 | 2613.9 | 750.0 | 5.8 | -10.9 | 999.9 | 99.9 | 99.9 | 99.9 | 302.9 | 309.5 | 2.2 | 28.9 | 999.9 | 999.9 |
| 10.1 | 32.2 | 2890.3 | 725.0 | 3.7 | -10.1 | 999.9 | 99.9 | 99.9 | 99.9 | 303.5 | 310.9 | 2.5 | 35.0 | 999.9 | 999.9 |
| 11.1 | 34.7 | 3174.6 | 700.0 | 2.2 | -9.5 | 999.9 | 99.9 | 99.9 | 99.9 | 305.0 | 312.8 | 2.6 | 41.3 | 999.9 | 999.9 |
| 12.1 | 37.3 | 3457.3 | 675.0 | 0.0 | -11.4 | 999.9 | 99.9 | 99.9 | 99.9 | 305.7 | 312.8 | 2.4 | 42.0 | 999.9 | 999.9 |
| 13.2 | 39.9 | 3748.4 | 650.0 | -2.1 | -12.5 | 999.9 | 99.9 | 99.9 | 99.9 | 306.6 | 313.4 | 2.2 | 44.6 | 999.9 | 999.9 |
| 14.3 | 42.6 | 4079.0 | 625.0 | -4.6 | -10.3 | 999.9 | 99.9 | 99.9 | 99.9 | 307.2 | 315.5 | 2.8 | 46.2 | 999.9 | 999.9 |
| 15.5 | 45.3 | 4399.6 | 600.0 | -5.8 | -14.8 | 999.9 | 99.9 | 99.9 | 99.9 | 309.4 | 315.7 | 2.0 | 49.6 | 999.9 | 999.9 |
| 16.7 | 48.1 | 4732.6 | 575.0 | -7.0 | -21.4 | 999.9 | 99.9 | 99.9 | 99.9 | 311.8 | 315.7 | 1.2 | 33.4 | 999.9 | 999.9 |
| 18.7 | 50.9 | 5078.0 | 550.0 | -9.8 | -23.9 | 999.9 | 99.9 | 99.9 | 99.9 | 313.7 | 317.0 | 1.0 | 23.2 | 999.9 | 999.9 |
| 19.2 | 53.9 | 5437.3 | 525.0 | -12.6 | -17.4 | 999.9 | 99.9 | 99.9 | 99.9 | 315.4 | 322.7 | 2.3 | 73.4 | 999.9 | 999.9 |
| 20.5 | 56.9 | 5811.9 | 500.0 | -15.7 | -19.9 | 999.9 | 99.9 | 99.9 | 99.9 | 316.5 | 323.0 | 1.9 | 67.5 | 999.9 | 999.9 |
| 21.9 | 59.9 | 6201.3 | 475.0 | -19.3 | -22.5 | 999.9 | 99.9 | 99.9 | 99.9 | 318.5 | 323.9 | 1.7 | 60.9 | 999.9 | 999.9 |
| 23.2 | 63.0 | 6607.5 | 450.0 | -21.7 | -25.9 | 999.9 | 99.9 | 99.9 | 99.9 | 320.2 | 324.8 | 1.4 | 63.2 | 999.9 | 999.9 |
| 24.5 | 66.1 | 7031.9 | 425.0 | -24.5 | -28.2 | 999.9 | 99.9 | 99.9 | 99.9 | 321.2 | 326.3 | 1.1 | 65.2 | 999.9 | 999.9 |
| 25.3 | 69.3 | 7476.5 | 400.0 | -28.1 | -30.8 | 999.9 | 99.9 | 99.9 | 99.9 | 324.5 | 327.1 | 0.8 | 71.3 | 999.9 | 999.9 |
| 27.5 | 73.0 | 7942.5 | 375.0 | -31.7 | -34.3 | 999.9 | 99.9 | 99.9 | 99.9 | 326.5 | 327.9 | 0.6 | 77.5 | 999.9 | 999.9 |
| 28.2 | 76.7 | 8438.2 | 350.0 | -36.4 | -30.7 | 999.9 | 99.9 | 99.9 | 99.9 | 328.0 | 328.0 | 0.4 | 71.5 | 999.9 | 999.9 |
| 30.9 | 80.5 | 8953.4 | 325.0 | -41.3 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 327.6 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 32.5 | 84.3 | 9502.9 | 300.0 | -46.7 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 327.2 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 34.6 | 88.5 | 10097.3 | 275.0 | -50.6 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 330.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 37.3 | 93.0 | 10713.5 | 250.0 | -55.3 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 327.6 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 39.4 | 97.6 | 11398.0 | 225.0 | -59.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 327.6 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 42.7 | 102.6 | 12137.0 | 200.0 | -61.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 333.8 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 44.5 | 107.8 | 12955.7 | 175.0 | -61.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 337.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 46.3 | 113.9 | 13721.7 | 150.0 | -61.2 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 347.7 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 48.3 | 120.3 | 15047.6 | 125.0 | -63.4 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 380.2 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 51.3 | 127.1 | 16416.4 | 100.0 | -55.3 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 401.5 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 56.5 | 135.0 | 18146.2 | 75.0 | -67.8 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 430.8 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 62.1 | 143.3 | 20633.5 | 50.0 | -57.8 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 507.4 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 69.4 | 152.0 | 25135.2 | 25.0 | -44.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 655.5 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |

BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 229
CENTERVILLE, ALABAMA

19 APRIL 1979
1704 GMT

149 31. 0

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO CM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 5.0 | 140.0 | 1006.0 | 23.0 | 8.7 | 70.0 | 1.5 | -1.4 | -0.5 | 295.7 | 314.6 | 7.0 | 40.3 | 0.0 | 0. |
| 0.1 | 5.5 | 132.1 | 1000.0 | 22.3 | 8.4 | 999.9 | 99.9 | 99.9 | 99.9 | 295.5 | 314.2 | 7.0 | 41.1 | 999.9 | 999. |
| 0.6 | 7.7 | 411.1 | 975.0 | 20.0 | 5.5 | 999.9 | 99.9 | 99.9 | 99.9 | 295.3 | 311.2 | 5.0 | 38.7 | 999.9 | 999. |
| 1.4 | 9.9 | 614.2 | 951.0 | 19.0 | 2.2 | 999.9 | 99.9 | 99.9 | 99.9 | 296.4 | 309.5 | 4.7 | 32.5 | 999.9 | 999. |
| 2.2 | 12.2 | 462.5 | 925.0 | 17.9 | 3.1 | 999.9 | 99.9 | 99.9 | 99.9 | 297.6 | 312.0 | 5.2 | 37.4 | 999.9 | 999. |
| 3.0 | 14.5 | 1195.8 | 900.0 | 15.3 | 4.4 | 999.9 | 99.9 | 99.9 | 99.9 | 297.3 | 313.3 | 5.8 | 49.0 | 999.9 | 999. |
| 3.9 | 16.9 | 1333.9 | 875.0 | 13.6 | 4.8 | 999.9 | 99.9 | 99.9 | 99.9 | 297.9 | 314.9 | 6.2 | 55.2 | 999.9 | 999. |
| 4.7 | 17.2 | 1577.6 | 850.0 | 12.1 | 4.8 | 999.9 | 99.9 | 99.9 | 99.9 | 298.9 | 316.4 | 6.4 | 61.1 | 999.9 | 999. |
| 5.7 | 21.6 | 1327.1 | 825.0 | 10.3 | 1.0 | 999.9 | 99.9 | 99.9 | 99.9 | 299.5 | 313.5 | 5.0 | 52.5 | 1.6 | 105. |
| 6.6 | 24.1 | 2332.5 | 800.0 | 9.1 | -4.7 | 3.5 | 6.8 | -0.4 | -5.8 | 300.8 | 310.5 | 3.4 | 37.3 | 2.3 | 169. |
| 7.5 | 26.5 | 2344.9 | 775.0 | 7.7 | -14.2 | 6.8 | 5.6 | -0.7 | -5.5 | 302.1 | 307.1 | 1.6 | 19.3 | 2.3 | 171. |
| 8.5 | 29.0 | 2513.7 | 750.0 | 5.8 | -14.5 | 355.2 | 4.2 | 0.3 | -4.1 | 302.8 | 307.9 | 1.7 | 21.6 | 2.6 | 173. |
| 9.5 | 31.5 | 2900.4 | 725.0 | 3.9 | -9.5 | 328.6 | 2.8 | 1.5 | -2.4 | 303.7 | 311.3 | 2.6 | 36.8 | 2.8 | 172. |
| 10.4 | 34.1 | 3174.5 | 700.0 | 2.2 | -10.1 | 301.0 | 1.8 | 1.6 | -0.9 | 305.0 | 312.5 | 2.5 | 39.5 | 2.9 | 171. |
| 11.5 | 36.7 | 3467.0 | 675.0 | -0.3 | -9.9 | 277.5 | 1.8 | 1.8 | -0.2 | 305.3 | 313.3 | 2.7 | 49.3 | 2.9 | 169. |
| 12.6 | 39.4 | 3769.1 | 650.0 | -2.3 | -10.1 | 254.3 | 2.2 | 2.2 | 0.6 | 306.4 | 314.5 | 2.7 | 54.7 | 2.9 | 165. |
| 13.5 | 42.1 | 4378.8 | 625.0 | -4.1 | -12.4 | 225.0 | 3.2 | 2.3 | 2.3 | 307.8 | 315.0 | 2.4 | 52.1 | 2.9 | 164. |
| 14.4 | 44.9 | 4537.0 | 600.0 | -5.4 | -16.2 | 215.1 | 5.9 | 3.4 | 4.8 | 309.9 | 315.5 | 1.8 | 42.2 | 2.7 | 159. |
| 15.9 | 47.9 | 4733.6 | 575.0 | -6.9 | -19.1 | 218.0 | 7.2 | 4.5 | 5.7 | 312.0 | 316.6 | 1.5 | 35.7 | 2.5 | 150. |
| 16.8 | 50.6 | 5378.9 | 550.0 | -9.8 | -13.7 | 229.9 | 6.7 | 5.1 | 4.3 | 312.5 | 320.0 | 2.4 | 74.2 | 2.4 | 143. |
| 18.3 | 53.5 | 5317.2 | 525.0 | -11.5 | -12.2 | 256.2 | 7.5 | 7.3 | 1.8 | 314.7 | 323.4 | 2.9 | 94.0 | 2.6 | 133. |
| 19.3 | 56.4 | 5319.3 | 500.0 | -13.8 | -15.7 | 264.1 | 7.6 | 7.6 | 0.8 | 316.2 | 323.3 | 2.2 | 85.0 | 3.0 | 121. |
| 20.5 | 59.8 | 6194.3 | 475.0 | -16.4 | -18.6 | 275.8 | 7.5 | 7.5 | -0.8 | 317.7 | 323.6 | 1.8 | 82.3 | 3.5 | 115. |
| 21.4 | 63.0 | 6523.5 | 450.0 | -19.0 | -21.6 | 289.0 | 7.3 | 6.9 | -2.4 | 319.4 | 324.3 | 1.5 | 79.9 | 4.1 | 114. |
| 21.3 | 66.3 | 7227.2 | 425.0 | -21.8 | -24.0 | 294.1 | 7.1 | 6.4 | -2.9 | 321.0 | 325.3 | 1.3 | 82.2 | 4.7 | 114. |
| 24.9 | 69.7 | 7470.4 | 400.0 | -25.6 | -27.8 | 290.6 | 6.9 | 6.5 | -1.8 | 323.0 | 325.0 | 0.6 | 62.2 | 5.9 | 113. |
| 26.3 | 73.3 | 7335.3 | 375.0 | -29.1 | -34.0 | 283.1 | 7.8 | 7.5 | -2.4 | 321.7 | 324.9 | 1.0 | 82.1 | 6.7 | 112. |
| 27.7 | 77.1 | 8124.3 | 350.0 | -33.5 | -38.9 | 280.8 | 9.5 | 9.4 | -1.8 | 323.6 | 325.0 | 0.4 | 57.5 | 7.8 | 110. |
| 29.5 | 80.8 | 8400.2 | 325.0 | -39.2 | -44.8 | 280.2 | 10.3 | 10.2 | -1.8 | 324.1 | 324.9 | 0.2 | 43.2 | 9.7 | 108. |
| 31.4 | 84.4 | 8495.9 | 300.0 | -42.3 | -49.9 | 276.3 | 13.4 | 13.4 | -1.5 | 325.8 | 324.9 | 99.9 | 99.9 | 9.7 | 108. |
| 33.4 | 90.3 | 10370.2 | 275.0 | -45.9 | -53.7 | 284.9 | 15.5 | 15.0 | -4.0 | 328.8 | 324.9 | 99.9 | 99.9 | 10.8 | 107. |
| 35.6 | 93.4 | 10548.5 | 250.0 | -53.7 | -59.9 | 289.5 | 16.8 | 15.4 | -5.6 | 330.7 | 324.9 | 99.9 | 99.9 | 12.8 | 107. |
| 38.2 | 98.2 | 11377.1 | 225.0 | -55.8 | -59.9 | 290.6 | 19.1 | 17.9 | -6.7 | 333.0 | 324.9 | 99.9 | 99.9 | 15.7 | 108. |
| 41.1 | 103.2 | 12119.5 | 200.0 | -59.5 | -59.9 | 290.3 | 21.5 | 20.2 | -7.4 | 338.5 | 324.9 | 99.9 | 99.9 | 19.1 | 109. |
| 44.0 | 108.4 | 12747.6 | 175.0 | -62.6 | -59.9 | 287.9 | 22.7 | 21.6 | -7.0 | 346.6 | 324.9 | 99.9 | 99.9 | 23.1 | 108. |
| 47.5 | 114.4 | 13791.4 | 150.0 | -60.9 | -59.9 | 290.6 | 22.8 | 21.3 | -8.0 | 365.2 | 324.9 | 99.9 | 99.9 | 27.8 | 109. |
| 51.5 | 121.3 | 15229.2 | 125.0 | -64.8 | -59.9 | 275.6 | 26.3 | 26.2 | -2.6 | 377.6 | 324.9 | 99.9 | 99.9 | 33.1 | 107. |
| 56.1 | 129.3 | 16359.6 | 100.0 | -65.7 | -59.9 | 280.0 | 22.5 | 21.3 | -2.3 | 400.8 | 324.9 | 99.9 | 99.9 | 40.5 | 107. |
| 62.1 | 136.7 | 19124.8 | 75.0 | -66.9 | -59.9 | 291.2 | 15.8 | 14.7 | -5.7 | 432.3 | 324.9 | 99.9 | 99.9 | 46.9 | 107. |
| 64.9 | 143.7 | 22625.2 | 50.0 | -53.9 | -59.9 | 291.8 | 7.5 | 6.9 | -2.8 | 511.9 | 324.9 | 99.9 | 99.9 | 51.3 | 108. |
| 99.0 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999. |

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 229
 CENTERVILLE, ALABAMA

 19 APRIL 1979
 2000 GMT

| TIME 41N | CNCTY | HEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | U COMP 4/SEC | V COMP M/SEC | POT T DEG K | E POT T DEG K | MX WTD GM/KG | RM PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|-----------------|-----------|-------------|-----------|
| 0.0 | 5.6 | 147.0 | 1004.6 | 24.0 | 5.4 | 340.0 | 2.1 | 0.7 | -2.0 | 296.8 | 312.1 | 5.6 | 30.0 | 0.0 | 0. |
| 0.1 | 6.0 | 179.9 | 1000.0 | 21.6 | 4.0 | 133.1 | 0.4 | -0.3 | 0.3 | 294.8 | 308.8 | 5.1 | 31.4 | 0.1 | 131. |
| 0.9 | 8.3 | 399.0 | 975.0 | 20.5 | 2.1 | 291.3 | 1.4 | 1.3 | -0.5 | 295.8 | 308.5 | 4.6 | 29.5 | 0.1 | 132. |
| 1.7 | 10.6 | 622.3 | 950.0 | 19.8 | 1.9 | 331.8 | 3.9 | 1.6 | -3.4 | 296.2 | 309.1 | 4.6 | 32.4 | 0.3 | 139. |
| 2.6 | 12.9 | 850.2 | 925.0 | 17.0 | 2.3 | 352.2 | 4.7 | 0.6 | -4.6 | 296.7 | 310.3 | 4.9 | 37.4 | 0.5 | 148. |
| 3.5 | 15.3 | 1083.2 | 903.3 | 15.3 | 5.1 | 358.7 | 5.4 | 0.1 | -5.4 | 297.3 | 314.1 | 6.2 | 50.5 | 0.8 | 163. |
| 4.4 | 17.6 | 1321.4 | 875.0 | 13.7 | 4.0 | 353.9 | 5.6 | 0.6 | -5.6 | 298.0 | 315.1 | 6.3 | 55.5 | 1.0 | 164. |
| 5.2 | 20.0 | 1555.1 | 850.0 | 12.0 | 3.6 | 352.7 | 6.5 | 0.6 | -6.5 | 298.7 | 316.9 | 5.9 | 56.5 | 1.3 | 164. |
| 6.2 | 22.5 | 1814.5 | 825.0 | 9.9 | 0.9 | 358.6 | 7.0 | 0.2 | -7.0 | 299.1 | 312.9 | 5.8 | 53.2 | 1.7 | 168. |
| 6.9 | 24.9 | 2099.6 | 800.0 | 8.4 | -1.4 | 358.7 | 5.6 | 0.1 | -5.6 | 301.1 | 312.3 | 4.3 | 50.2 | 2.0 | 170. |
| 7.6 | 27.5 | 2331.2 | 775.0 | 6.8 | -4.7 | 345.7 | 3.8 | 0.9 | -3.7 | 301.1 | 311.1 | 3.5 | 43.6 | 2.2 | 171. |
| 8.4 | 30.0 | 2670.0 | 750.0 | 5.3 | -6.0 | 300.1 | 2.4 | 2.1 | -1.2 | 302.3 | 311.7 | 3.2 | 43.3 | 2.4 | 169. |
| 9.4 | 32.6 | 2876.1 | 725.0 | 3.9 | -6.0 | 224.5 | 2.4 | 1.7 | 1.7 | 302.7 | 312.4 | 3.4 | 51.7 | 2.3 | 167. |
| 10.6 | 35.2 | 3159.0 | 700.0 | 0.2 | -6.4 | 206.0 | 4.3 | 1.9 | 3.9 | 302.7 | 312.6 | 3.4 | 60.9 | 2.2 | 163. |
| 11.9 | 37.9 | 3440.1 | 675.0 | -2.7 | -9.1 | 220.1 | 5.4 | 3.5 | 4.1 | 302.6 | 311.0 | 2.9 | 61.6 | 1.9 | 155. |
| 12.9 | 40.6 | 3749.1 | 650.0 | -1.8 | -1.8 | 254.0 | 7.4 | 7.1 | 2.0 | 307.0 | 321.9 | 5.2 | 100.1 | 1.9 | 144. |
| 14.0 | 43.3 | 4050.8 | 625.0 | -3.5 | -3.8 | 262.6 | 9.8 | 9.7 | 1.3 | 308.4 | 321.9 | 4.6 | 98.1 | 2.3 | 130. |
| 15.1 | 46.1 | 4342.8 | 600.0 | -5.4 | -5.5 | 267.6 | 10.3 | 10.3 | 0.4 | 309.8 | 322.3 | 4.2 | 99.4 | 2.7 | 120. |
| 16.2 | 49.1 | 4716.1 | 575.0 | -7.2 | -7.2 | 276.8 | 11.3 | 11.2 | -1.3 | 311.6 | 323.1 | 3.9 | 99.5 | 3.4 | 115. |
| 17.4 | 52.0 | 5051.9 | 550.0 | -9.9 | -9.2 | 278.0 | 10.8 | 10.7 | -1.5 | 313.6 | 324.0 | 3.5 | 97.0 | 4.8 | 112. |
| 18.5 | 55.0 | 5421.3 | 525.0 | -11.0 | -11.7 | 278.1 | 10.2 | 10.1 | -1.4 | 315.2 | 324.3 | 3.0 | 94.9 | 4.8 | 110. |
| 19.6 | 58.1 | 5735.3 | 500.0 | -13.0 | -14.1 | 278.6 | 9.6 | 9.7 | -1.5 | 317.2 | 325.3 | 2.6 | 91.3 | 5.5 | 108. |
| 20.9 | 61.3 | 6104.9 | 475.0 | -15.6 | -17.2 | 295.6 | 9.1 | 8.8 | -2.5 | 318.7 | 325.4 | 2.1 | 86.9 | 6.2 | 107. |
| 22.3 | 64.6 | 6591.1 | 450.0 | -18.4 | -20.3 | 290.5 | 8.9 | 8.3 | -3.1 | 320.1 | 325.6 | 1.7 | 84.7 | 6.9 | 108. |
| 23.7 | 68.0 | 7015.1 | 425.0 | -21.8 | -24.5 | 294.8 | 9.4 | 8.5 | -3.9 | 321.1 | 325.2 | 1.2 | 78.3 | 7.7 | 108. |
| 25.3 | 71.4 | 7459.0 | 400.0 | -25.2 | -28.7 | 292.3 | 9.5 | 8.8 | -3.6 | 322.2 | 325.2 | 0.9 | 72.4 | 8.6 | 109. |
| 27.0 | 75.0 | 7924.0 | 375.0 | -28.9 | -32.6 | 285.0 | 9.2 | 8.9 | -2.4 | 323.3 | 325.6 | 0.7 | 70.3 | 9.6 | 109. |
| 29.7 | 78.7 | 8413.8 | 350.0 | -33.1 | -38.3 | 276.7 | 10.4 | 10.3 | -1.2 | 324.1 | 325.5 | 0.4 | 68.2 | 10.5 | 108. |
| 32.3 | 82.7 | 8930.1 | 325.0 | -37.8 | -45.0 | 268.0 | 12.6 | 12.6 | 0.4 | 324.6 | 325.4 | 0.2 | 66.4 | 11.6 | 106. |
| 34.5 | 86.7 | 9476.5 | 300.0 | -42.5 | -49.0 | 273.5 | 14.2 | 14.2 | -0.9 | 325.5 | 325.9 | 99.9 | 99.9 | 13.2 | 104. |
| 36.9 | 91.7 | 10058.2 | 275.0 | -46.4 | -49.9 | 283.4 | 17.1 | 16.6 | -4.0 | 328.0 | 325.9 | 99.9 | 99.9 | 15.1 | 104. |
| 39.2 | 95.3 | 10696.8 | 250.0 | -50.5 | -49.9 | 291.6 | 21.9 | 20.4 | -8.1 | 331.0 | 325.9 | 99.9 | 99.9 | 17.9 | 105. |
| 42.0 | 100.0 | 11365.3 | 225.0 | -55.7 | -49.9 | 293.1 | 24.1 | 22.2 | -0.5 | 333.1 | 325.9 | 99.9 | 99.9 | 21.3 | 107. |
| 44.1 | 105.2 | 12137.6 | 200.0 | -59.6 | -49.9 | 289.7 | 21.2 | 20.0 | -7.2 | 338.4 | 325.9 | 99.9 | 99.9 | 25.0 | 107. |
| 45.1 | 110.6 | 12916.2 | 175.0 | -50.7 | -49.9 | 289.2 | 23.6 | 22.3 | -7.8 | 349.7 | 325.9 | 99.9 | 99.9 | 29.1 | 107. |
| 47.5 | 116.5 | 13845.4 | 150.0 | -41.8 | -49.9 | 284.8 | 25.8 | 24.9 | -8.6 | 363.6 | 325.9 | 99.9 | 99.9 | 34.2 | 106. |
| 50.5 | 123.3 | 15215.6 | 125.0 | -63.3 | -49.9 | 283.3 | 29.9 | 28.1 | -8.9 | 380.4 | 325.9 | 99.9 | 99.9 | 40.9 | 106. |
| 52.4 | 130.7 | 16350.7 | 100.0 | -85.2 | -49.9 | 288.7 | 23.1 | 21.9 | -7.4 | 401.7 | 325.9 | 99.9 | 99.9 | 48.9 | 107. |
| 54.3 | 139.0 | 19113.6 | 75.0 | -87.9 | -49.9 | 99.9 | 99.9 | 99.9 | 99.9 | 430.6 | 325.9 | 99.9 | 99.9 | 55.8 | 107. |
| 56.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 59.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 229
CENTERVILLE, ALABAMA

19 APRIL 1979
2315 GMT

| TIME MIN | CHTCT | HEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MR WTD GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|---------------|-----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.2 | 5.3 | 140.0 | 1003.5 | 24.5 | 6.7 | 30.0 | 1.5 | -0.7 | -1.3 | 297.4 | 314.2 | 6.2 | 32.0 | 0.0 | 0. |
| 0.1 | 5.6 | 170.6 | 1000.0 | 24.2 | 6.5 | 68.3 | 1.1 | -1.0 | -0.4 | 297.4 | 314.0 | 6.1 | 32.0 | 0.0 | 301. |
| 1.3 | 7.9 | 391.2 | 975.0 | 22.4 | 4.9 | 59.2 | 1.0 | -0.8 | -0.5 | 297.7 | 313.1 | 5.6 | 32.0 | 0.1 | 240. |
| 1.3 | 10.3 | 616.3 | 950.0 | 20.6 | 4.9 | 8.0 | 2.0 | -0.3 | -2.0 | 298.1 | 313.9 | 5.7 | 35.6 | 0.1 | 223. |
| 2.7 | 12.6 | 945.7 | 925.0 | 18.5 | 4.4 | 1.3 | 4.0 | -0.1 | -4.0 | 298.2 | 313.8 | 5.7 | 39.4 | 0.3 | 200. |
| 3.5 | 15.0 | 1280.0 | 900.0 | 17.4 | 4.4 | 6.1 | 5.7 | -0.6 | -3.6 | 299.4 | 315.7 | 5.9 | 42.2 | 0.5 | 190. |
| 4.5 | 17.4 | 1319.9 | 875.0 | 15.6 | 4.5 | 11.6 | 5.3 | -1.1 | -3.2 | 300.0 | 316.7 | 6.0 | 47.5 | 0.8 | 191. |
| 5.5 | 19.9 | 1555.0 | 850.0 | 13.8 | 3.3 | 8.3 | 3.8 | -0.6 | -3.8 | 300.7 | 316.6 | 5.7 | 49.9 | 1.1 | 191. |
| 6.4 | 22.4 | 1515.8 | 825.0 | 11.5 | 1.5 | 335.6 | 2.1 | 0.9 | -1.9 | 300.6 | 315.4 | 5.2 | 50.1 | 1.3 | 190. |
| 7.4 | 24.9 | 2372.1 | 800.0 | 9.4 | -1.2 | 297.0 | 2.3 | 2.0 | -1.0 | 301.2 | 313.6 | 4.6 | 47.3 | 1.3 | 180. |
| 8.1 | 27.4 | 2334.7 | 775.0 | 7.6 | -2.9 | 258.4 | 1.8 | 1.8 | 0.4 | 302.0 | 313.4 | 4.0 | 47.2 | 1.4 | 160. |
| 9.1 | 30.0 | 2533.0 | 750.0 | 5.1 | -4.4 | 228.6 | 2.1 | 1.6 | 1.4 | 302.1 | 312.7 | 3.7 | 50.3 | 1.3 | 177. |
| 10.1 | 32.7 | 2379.7 | 725.0 | 3.0 | -5.9 | 216.5 | 3.8 | 2.3 | 3.1 | 302.8 | 312.6 | 3.4 | 52.0 | 1.2 | 171. |
| 11.2 | 35.2 | 3163.1 | 700.0 | 0.9 | -3.1 | 228.7 | 4.2 | 3.1 | 2.8 | 303.5 | 316.0 | 4.4 | 74.7 | 1.0 | 161. |
| 12.7 | 38.0 | 3654.8 | 675.0 | -7.7 | -0.7 | 274.7 | 4.0 | 4.0 | -0.3 | 304.9 | 320.3 | 5.4 | 100.5 | 1.0 | 140. |
| 13.1 | 40.9 | 3757.0 | 650.0 | -1.3 | -1.3 | 307.7 | 5.1 | 4.0 | -3.1 | 307.5 | 323.0 | 5.4 | 99.8 | 1.3 | 143. |
| 14.2 | 43.6 | 4369.5 | 625.0 | -2.9 | -3.3 | 311.0 | 6.4 | 4.8 | -4.2 | 309.2 | 323.2 | 4.8 | 97.2 | 1.6 | 142. |
| 15.4 | 46.4 | 4993.2 | 600.0 | -3.8 | -6.7 | 319.4 | 7.9 | 5.2 | -6.0 | 311.7 | 323.2 | 3.9 | 80.7 | 2.1 | 130. |
| 16.5 | 49.4 | 4728.3 | 575.0 | -6.4 | -8.8 | 320.7 | 8.7 | 5.5 | -8.8 | 312.5 | 322.8 | 3.4 | 83.1 | 2.7 | 130. |
| 17.7 | 52.3 | 5375.0 | 550.0 | -9.5 | -9.8 | 309.4 | 9.5 | 7.3 | -6.0 | 314.0 | 324.1 | 3.3 | 89.8 | 3.4 | 139. |
| 18.7 | 55.4 | 5434.3 | 525.0 | -11.2 | -12.6 | 308.4 | 10.3 | 8.5 | -5.8 | 315.0 | 323.4 | 2.7 | 87.8 | 4.1 | 136. |
| 20.2 | 58.5 | 5477.8 | 500.0 | -13.2 | -18.5 | 305.6 | 10.4 | 8.5 | -6.1 | 316.9 | 322.6 | 1.8 | 84.3 | 4.8 | 135. |
| 21.7 | 61.4 | 6177.2 | 475.0 | -15.4 | -24.4 | 309.7 | 10.9 | 8.4 | -7.0 | 318.9 | 321.4 | 0.5 | 23.9 | 5.7 | 133. |
| 22.7 | 64.9 | 6503.0 | 450.0 | -18.6 | -30.1 | 310.1 | 11.3 | 8.6 | -7.3 | 319.8 | 322.6 | 0.5 | 33.9 | 7.6 | 133. |
| 24.3 | 68.3 | 7266.7 | 425.0 | -22.0 | -33.6 | 308.4 | 11.5 | 9.4 | -8.6 | 320.8 | 323.6 | 0.5 | 43.4 | 8.7 | 131. |
| 25.9 | 71.4 | 7459.6 | 400.0 | -25.4 | -34.2 | 295.4 | 13.6 | 12.3 | -8.8 | 322.0 | 323.6 | 0.3 | 32.5 | 10.0 | 128. |
| 27.6 | 75.4 | 7336.6 | 375.0 | -29.2 | -40.5 | 283.5 | 14.0 | 13.6 | -9.3 | 322.9 | 324.0 | 0.3 | 32.5 | 11.4 | 125. |
| 29.4 | 79.1 | 8423.9 | 350.0 | -32.4 | -50.6 | 280.3 | 14.3 | 14.0 | -9.6 | 325.1 | 325.4 | 0.1 | 16.4 | 12.9 | 125. |
| 31.2 | 83.0 | 9342.2 | 325.0 | -36.3 | -55.8 | 288.0 | 14.5 | 15.7 | -5.1 | 326.7 | 327.0 | 0.1 | 11.1 | 12.9 | 122. |
| 33.3 | 87.2 | 9494.0 | 300.0 | -39.6 | -59.9 | 293.2 | 20.8 | 19.2 | -8.2 | 329.6 | 999.9 | 99.9 | 999.9 | 15.2 | 120. |
| 35.3 | 91.3 | 13043.6 | 275.0 | -43.9 | -63.9 | 296.1 | 24.1 | 21.6 | -10.6 | 331.6 | 999.9 | 99.9 | 999.9 | 16.0 | 120. |
| 37.6 | 95.8 | 13715.4 | 250.0 | -49.7 | -69.9 | 296.3 | 24.1 | 21.6 | -10.7 | 332.1 | 999.9 | 99.9 | 999.9 | 21.4 | 119. |
| 40.0 | 100.6 | 11396.0 | 225.0 | -55.4 | -75.9 | 292.8 | 25.6 | 23.6 | -9.9 | 333.7 | 999.9 | 99.9 | 999.9 | 26.2 | 117. |
| 42.7 | 105.6 | 12178.9 | 200.0 | -60.8 | -81.9 | 290.4 | 27.5 | 25.6 | -9.6 | 337.7 | 999.9 | 99.9 | 999.9 | 34.5 | 117. |
| 45.9 | 111.2 | 12864.6 | 175.0 | -61.4 | -86.9 | 292.8 | 27.7 | 25.5 | -10.7 | 348.5 | 999.9 | 99.9 | 999.9 | 40.2 | 116. |
| 49.5 | 117.0 | 13725.4 | 150.0 | -61.2 | -91.9 | 292.6 | 26.0 | 24.0 | -10.0 | 364.6 | 999.9 | 99.9 | 999.9 | 47.2 | 115. |
| 53.7 | 123.5 | 15407.7 | 125.0 | -64.1 | -99.9 | 290.6 | 24.8 | 27.9 | -10.5 | 379.0 | 999.9 | 99.9 | 999.9 | 55.5 | 115. |
| 56.7 | 130.4 | 16409.7 | 100.0 | -66.2 | -99.9 | 290.4 | 21.4 | 20.4 | -11.5 | 400.0 | 999.9 | 99.9 | 999.9 | 71.4 | 115. |
| 60.1 | 139.0 | 18136.9 | 75.0 | -68.9 | -99.9 | 301.3 | 16.4 | 14.6 | -8.3 | 432.7 | 999.9 | 99.9 | 999.9 | 80.2 | 116. |
| 73.4 | 147.7 | 20417.8 | 50.0 | -58.4 | -99.9 | 292.7 | 8.5 | 7.9 | -3.3 | 505.9 | 999.9 | 99.9 | 999.9 | 88.2 | 116. |
| 88.8 | 157.0 | 25132.9 | 25.0 | -43.3 | -99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 654.6 | 999.9 | 99.9 | 999.9 | 72.4 | 115. |

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 229
 CENTERVILLE, ALABAMA

 20 APRIL 1979
 205 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | J COMP M/SEC | V COMP M/SEC | POT T DEG K | E POT T DEG K | WIND CM/SEC | RM PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|----------------|-----------|-------------|-----------|
| 0-0 | 5-5 | 140-0 | 1103-5 | 19-0 | 8-6 | 230-0 | 2-1 | 1-6 | 1-3 | 291-9 | 310-5 | 7-0 | 51-0 | 0-0 | 0-0 |
| 0-1 | 5-8 | 170-1 | 1100-0 | 19-6 | 5-8 | 999-9 | 99-9 | 99-9 | 99-9 | 292-0 | 308-5 | 5-9 | 40-9 | 999-9 | 999-9 |
| 0-4 | 8-1 | 380-3 | 1175-0 | 21-7 | 5-3 | 999-9 | 99-9 | 99-9 | 99-9 | 297-0 | 312-7 | 5-7 | 38-3 | 999-9 | 999-9 |
| 1-7 | 10-4 | 614-1 | 950-0 | 20-3 | 5-0 | 999-9 | 99-9 | 99-9 | 99-9 | 297-8 | 313-7 | 5-8 | 35-7 | 999-9 | 999-9 |
| 2-5 | 12-7 | 643-6 | 925-0 | 19-0 | 4-7 | 45-6 | 3-4 | -2-4 | -2-4 | 298-7 | 314-7 | 5-8 | 39-0 | 0-2 | 279-0 |
| 3-2 | 15-1 | 1077-9 | 900-0 | 17-0 | 4-2 | 18-1 | 4-2 | -1-3 | -4-0 | 299-0 | 315-0 | 5-0 | 42-7 | 0-4 | 252-0 |
| 4-3 | 17-5 | 1317-6 | 875-0 | 15-5 | 3-6 | 344-9 | 3-8 | 1-0 | -3-7 | 299-1 | 315-7 | 5-7 | 44-9 | 0-5 | 226-0 |
| 4-8 | 20-0 | 1562-4 | 850-0 | 13-6 | 2-5 | 324-0 | 3-1 | 1-8 | -2-5 | 300-4 | 316-4 | 5-4 | 47-1 | 0-5 | 211-0 |
| 5-6 | 22-4 | 1913-1 | 825-0 | 11-3 | 0-6 | 303-6 | 3-1 | 2-6 | -1-7 | 300-5 | 314-2 | 4-9 | 47-8 | 0-6 | 195-0 |
| 6-4 | 24-9 | 2369-1 | 803-0 | 9-2 | -0-2 | 280-8 | 2-5 | 2-5 | -0-5 | 300-9 | 314-3 | 4-7 | 51-8 | 0-6 | 182-0 |
| 7-2 | 27-4 | 2331-5 | 775-0 | 7-1 | -1-6 | 297-2 | 3-6 | 3-2 | -1-7 | 301-5 | 313-9 | 4-4 | 53-5 | 0-6 | 172-0 |
| 8-1 | 30-0 | 2600-2 | 750-0 | 4-9 | -3-6 | 297-9 | 5-1 | 4-5 | -2-4 | 302-0 | 313-2 | 3-9 | 56-0 | 0-8 | 159-0 |
| 9-3 | 32-6 | 2976-0 | 725-0 | 2-6 | -4-6 | 293-4 | 6-2 | 5-7 | -2-5 | 302-3 | 313-1 | 3-8 | 58-9 | 1-1 | 147-0 |
| 10-0 | 35-2 | 3150-0 | 700-0 | 0-8 | -4-8 | 291-5 | 6-0 | 5-6 | -2-2 | 303-3 | 314-4 | 3-8 | 63-4 | 1-4 | 139-0 |
| 10-7 | 37-9 | 3451-1 | 675-0 | 0-6 | -0-7 | 294-6 | 4-1 | 3-7 | -1-7 | 306-3 | 321-8 | 5-4 | 60-9 | 1-6 | 136-0 |
| 11-5 | 40-6 | 3753-9 | 650-0 | -1-1 | -2-0 | 302-0 | 3-3 | 2-8 | -1-8 | 307-7 | 322-4 | 5-1 | 63-5 | 1-8 | 132-0 |
| 12-3 | 43-4 | 4066-8 | 6-5-0 | -1-8 | -5-3 | 313-2 | 4-5 | 3-3 | -3-1 | 310-4 | 322-4 | 4-1 | 75-9 | 2-0 | 132-0 |
| 13-9 | 46-3 | 4390-8 | 600-0 | -3-8 | -7-8 | 313-0 | 6-1 | 4-5 | -4-2 | 311-8 | 322-4 | 3-6 | 73-7 | 2-4 | 132-0 |
| 15-2 | 52-2 | 5371-5 | 550-0 | -6-7 | -10-3 | 315-8 | 7-3 | 5-6 | -4-7 | 312-1 | 323-4 | 3-8 | 93-4 | 2-9 | 132-0 |
| 16-4 | 55-3 | 5429-4 | 525-0 | -9-7 | -13-2 | 322-7 | 8-2 | 5-0 | -5-8 | 313-9 | 322-0 | 2-6 | 91-0 | 3-5 | 133-0 |
| 17-5 | 58-4 | 5102-3 | 500-0 | -12-8 | -31-9 | 327-4 | 9-5 | 5-1 | -8-0 | 317-5 | 319-3 | 0-5 | 18-2 | 4-7 | 135-0 |
| 20-2 | 61-6 | 6191-5 | 475-0 | -15-7 | -33-8 | 324-5 | 11-0 | 6-4 | -9-0 | 318-6 | 320-2 | 0-5 | 19-3 | 5-5 | 137-0 |
| 21-4 | 64-9 | 6596-8 | 450-0 | -19-1 | -34-4 | 315-8 | 10-9 | 7-6 | -7-8 | 319-3 | 320-8 | 0-5 | 24-1 | 6-4 | 137-0 |
| 23-0 | 68-3 | 7018-9 | 425-0 | -23-2 | -35-6 | 306-1 | 10-9 | 8-8 | -6-4 | 319-2 | 320-6 | 0-4 | 27-9 | 7-3 | 136-0 |
| 24-5 | 71-7 | 7452-5 | 400-0 | -23-7 | -40-7 | 299-6 | 11-9 | 10-3 | -5-9 | 320-3 | 321-2 | 0-3 | 25-1 | 8-3 | 135-0 |
| 26-1 | 75-3 | 7724-5 | 375-0 | -28-7 | -42-3 | 300-4 | 14-1 | 12-2 | -7-2 | 323-6 | 324-5 | 0-3 | 27-5 | 9-5 | 133-0 |
| 27-8 | 79-1 | 8415-5 | 350-0 | -31-4 | -44-9 | 305-5 | 16-1 | 13-1 | -9-3 | 326-4 | 327-0 | 0-2 | 19-8 | 11-0 | 131-0 |
| 29-9 | 83-0 | 8736-4 | 325-0 | -35-0 | -49-9 | 310-6 | 21-1 | 16-1 | -13-8 | 328-4 | 328-9 | 0-1 | 20-1 | 13-3 | 131-0 |
| 31-0 | 87-0 | 9400-2 | 300-0 | -39-0 | -53-2 | 308-4 | 25-6 | 20-0 | -15-9 | 330-4 | 330-8 | 0-1 | 20-4 | 16-1 | 131-0 |
| 34-0 | 91-3 | 10080-8 | 273-0 | -44-2 | -59-9 | 302-5 | 29-3 | 24-8 | -15-8 | 331-3 | 331-3 | 99-9 | 999-9 | 19-6 | 133-0 |
| 36-2 | 95-8 | 13713-0 | 250-0 | -49-4 | -64-2 | 300-5 | 32-3 | 27-8 | -16-4 | 332-6 | 332-6 | 99-9 | 999-9 | 23-7 | 129-0 |
| 39-6 | 100-6 | 11396-0 | 225-0 | -55-5 | -69-9 | 298-4 | 33-3 | 29-3 | -15-8 | 333-5 | 333-5 | 99-9 | 999-9 | 28-2 | 127-0 |
| 41-2 | 105-6 | 12135-1 | 200-0 | -60-9 | -74-9 | 294-9 | 35-6 | 32-3 | -14-9 | 336-4 | 336-4 | 99-9 | 999-9 | 33-8 | 125-0 |
| 43-8 | 111-0 | 12458-0 | 175-0 | -64-9 | -79-9 | 298-8 | 30-6 | 26-8 | -14-7 | 338-9 | 338-9 | 99-9 | 999-9 | 38-3 | 124-0 |
| 47-2 | 117-2 | 13204-5 | 150-0 | -62-9 | -84-9 | 296-9 | 26-3 | 23-5 | -11-8 | 341-8 | 341-8 | 99-9 | 999-9 | 44-6 | 123-0 |
| 51-2 | 123-8 | 15226-5 | 125-0 | -65-2 | -89-9 | 293-7 | 28-8 | 26-3 | -11-5 | 347-0 | 347-0 | 99-9 | 999-9 | 51-3 | 122-0 |
| 56-0 | 131-0 | 16376-4 | 100-0 | -67-8 | -94-9 | 295-2 | 24-3 | 22-0 | -10-3 | 349-7 | 349-7 | 99-9 | 999-9 | 58-6 | 121-0 |
| 61-5 | 139-0 | 19106-8 | 75-0 | -67-4 | -99-9 | 301-1 | 17-5 | 15-0 | -9-0 | 351-6 | 351-6 | 99-9 | 999-9 | 65-4 | 121-0 |
| 69-3 | 148-6 | 20578-8 | 50-0 | -60-8 | -99-9 | 320-1 | 8-8 | 5-7 | -6-8 | 500-2 | 500-2 | 99-9 | 999-9 | 76-5 | 121-0 |
| 72-1 | 157-5 | 25063-9 | 25-0 | -46-6 | -99-9 | 999-9 | 99-9 | 99-9 | 99-9 | 630-8 | 630-8 | 99-9 | 999-9 | 73-6 | 121-0 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE 02 TIME HAVE BEEN INTERPOLATED

* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 229
CENTERVILLE, ALABAMA

20 APRIL 1979
505 GMT

157 15. 0

| TIME MIN | CNCT | WEIGHT GPM | PRES M9 | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | J COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO CM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.3 | 5.4 | 140.0 | 1003.5 | 16.2 | 10.7 | 60.0 | 2.1 | -1.0 | -1.0 | 289.1 | 310.1 | 8.1 | 70.0 | 0.0 | 0. |
| 0.1 | 5.7 | 170.1 | 1000.0 | 13.7 | 7.4 | 69.6 | 2.8 | -2.6 | -1.0 | 291.6 | 309.5 | 6.7 | 51.9 | 0.0 | 314. |
| 0.3 | 7.6 | 389.0 | 975.0 | 21.5 | 0.0 | 81.5 | 3.4 | -3.4 | -0.5 | 296.8 | 307.9 | 4.0 | 28.0 | 0.2 | 261. |
| 1.6 | 9.5 | 613.1 | 950.0 | 19.4 | 1.8 | 66.2 | 3.4 | -3.4 | -0.2 | 296.9 | 309.7 | 4.6 | 30.8 | 0.3 | 262. |
| 2.3 | 11.5 | 841.7 | 925.0 | 17.9 | 2.3 | 72.0 | 4.1 | -3.9 | -1.3 | 297.7 | 311.2 | 4.9 | 35.0 | 0.5 | 263. |
| 3.1 | 13.6 | 1075.4 | 900.0 | 16.6 | 2.9 | 42.6 | 3.9 | -2.6 | -2.8 | 298.6 | 313.3 | 5.3 | 40.1 | 0.7 | 257. |
| 4.0 | 15.7 | 1314.5 | 875.0 | 14.9 | 1.8 | 346.3 | 2.5 | 0.6 | -2.4 | 299.3 | 313.2 | 5.0 | 40.9 | 0.6 | 27. |
| 4.8 | 17.8 | 1559.0 | 850.0 | 13.2 | 0.3 | 307.5 | 2.3 | 1.8 | -1.4 | 300.0 | 313.0 | 4.6 | 41.2 | 0.7 | 20. |
| 5.7 | 20.1 | 1799.1 | 825.0 | 10.9 | -0.5 | 315.3 | 2.9 | 2.0 | -2.1 | 300.2 | 312.8 | 4.5 | 45.1 | 0.7 | 23. |
| 6.5 | 22.3 | 2054.9 | 809.0 | 8.6 | 0.2 | 317.3 | 4.1 | 2.8 | -3.0 | 300.3 | 313.9 | 4.9 | 55.5 | 0.7 | 27. |
| 7.4 | 24.5 | 2326.5 | 775.0 | 6.5 | -0.9 | 304.7 | 4.9 | 4.0 | -3.8 | 300.6 | 313.6 | 4.6 | 59.2 | 0.8 | 19. |
| 8.4 | 26.9 | 2594.5 | 750.0 | 4.0 | -2.8 | 282.8 | 5.5 | 5.4 | -1.2 | 301.0 | 312.8 | 4.2 | 61.2 | 0.9 | 13. |
| 9.3 | 29.3 | 2869.4 | 725.0 | 2.1 | -3.9 | 265.9 | 5.5 | 5.5 | 0.4 | 301.7 | 313.1 | 4.0 | 64.7 | 1.0 | 15. |
| 10.2 | 31.7 | 3152.1 | 700.0 | 0.5 | -4.8 | 255.9 | 4.6 | 4.4 | 1.1 | 303.0 | 314.0 | 3.8 | 67.6 | 1.0 | 14. |
| 11.3 | 34.2 | 3463.8 | 675.0 | 0.3 | -1.4 | 263.8 | 3.6 | 3.6 | 0.4 | 306.0 | 320.7 | 5.1 | 72.0 | 1.2 | 12. |
| 12.2 | 36.9 | 3746.9 | 650.0 | -0.3 | -4.8 | 288.5 | 4.7 | 4.5 | -1.5 | 308.6 | 320.8 | 4.1 | 71.8 | 1.3 | 12. |
| 13.3 | 39.4 | 4000.2 | 625.0 | -1.8 | -6.1 | 297.4 | 6.4 | 5.7 | -3.0 | 310.4 | 321.9 | 3.9 | 72.5 | 1.7 | 12. |
| 14.3 | 42.1 | 4363.9 | 600.0 | -4.4 | -8.6 | 299.2 | 6.4 | 5.6 | -3.1 | 311.0 | 321.0 | 3.3 | 72.2 | 2.1 | 12. |
| 15.5 | 45.2 | 4717.5 | 575.0 | -7.6 | -11.7 | 299.3 | 5.6 | 4.9 | -2.7 | 311.1 | 319.3 | 2.7 | 72.0 | 2.5 | 12. |
| 16.5 | 47.9 | 5062.2 | 550.0 | -9.6 | -18.7 | 306.4 | 5.6 | 4.5 | -3.3 | 312.7 | 317.6 | 1.6 | 72.0 | 2.9 | 12. |
| 17.4 | 50.9 | 5420.6 | 525.0 | -11.3 | -32.1 | 317.7 | 6.5 | 4.4 | -4.8 | 314.6 | 318.5 | 0.5 | 72.0 | 3.2 | 12. |
| 18.3 | 53.9 | 5793.3 | 500.0 | -13.3 | -33.8 | 307.6 | 8.5 | 6.6 | -5.2 | 316.6 | 318.3 | 0.4 | 72.0 | 3.8 | 12. |
| 20.3 | 57.0 | 6181.5 | 475.0 | -16.4 | -35.5 | 302.9 | 10.3 | 8.6 | -5.6 | 317.7 | 319.2 | 0.4 | 72.0 | 4.6 | 12. |
| 21.7 | 60.4 | 6585.6 | 450.0 | -20.1 | -35.9 | 298.8 | 10.3 | 8.9 | -5.1 | 318.0 | 319.3 | 0.4 | 72.0 | 5.5 | 12. |
| 22.2 | 61.9 | 7006.5 | 425.0 | -22.5 | -33.2 | 304.1 | 9.6 | 8.1 | -5.5 | 320.1 | 320.6 | 0.2 | 72.0 | 6.4 | 12. |
| 23.8 | 67.4 | 7469.1 | 400.0 | -25.5 | -35.8 | 301.6 | 11.2 | 9.6 | -5.9 | 321.6 | 322.4 | 0.2 | 72.0 | 7.3 | 12. |
| 25.4 | 71.1 | 7915.0 | 375.0 | -27.8 | -37.5 | 297.7 | 14.5 | 12.9 | -6.7 | 324.6 | 325.3 | 0.1 | 72.0 | 8.5 | 12. |
| 28.2 | 75.2 | 8407.9 | 350.0 | -30.8 | -49.8 | 305.0 | 18.2 | 14.9 | -10.4 | 327.2 | 327.6 | 0.1 | 72.0 | 10.3 | 12. |
| 30.3 | 79.3 | 8929.8 | 325.0 | -34.7 | -52.6 | 309.4 | 21.7 | 16.8 | -13.6 | 328.9 | 329.2 | 0.1 | 72.0 | 12.5 | 12. |
| 31.9 | 83.7 | 9334.4 | 300.0 | -39.4 | -54.2 | 309.3 | 26.0 | 20.1 | -16.4 | 329.6 | 330.1 | 0.1 | 72.0 | 15.2 | 12. |
| 33.0 | 88.3 | 10073.1 | 275.0 | -44.1 | -59.9 | 302.9 | 31.1 | 26.1 | -16.9 | 331.3 | 331.3 | 0.1 | 72.0 | 19.7 | 12. |
| 35.2 | 93.2 | 10704.4 | 250.0 | -53.9 | -69.9 | 296.3 | 34.5 | 31.0 | -15.3 | 331.9 | 331.9 | 0.1 | 72.0 | 23.0 | 12. |
| 36.6 | 98.6 | 11394.4 | 225.0 | -55.4 | -69.9 | 296.5 | 36.1 | 32.8 | -15.0 | 333.7 | 333.7 | 0.1 | 72.0 | 26.3 | 12. |
| 41.2 | 104.3 | 12124.1 | 200.0 | -61.8 | -99.9 | 297.4 | 32.5 | 26.7 | -15.7 | 343.2 | 343.2 | 0.1 | 72.0 | 33.9 | 12. |
| 44.4 | 110.3 | 12941.9 | 175.0 | -64.7 | -99.9 | 300.5 | 31.0 | 26.7 | -15.7 | 343.2 | 343.2 | 0.1 | 72.0 | 36.3 | 12. |
| 48.2 | 117.0 | 13484.7 | 150.0 | -62.6 | -99.9 | 293.4 | 29.3 | 26.9 | -11.6 | 362.3 | 362.3 | 0.1 | 72.0 | 43.6 | 12. |
| 52.4 | 124.0 | 15006.3 | 125.0 | -65.3 | -99.9 | 296.3 | 26.5 | 25.6 | -12.6 | 375.0 | 375.0 | 0.1 | 72.0 | 51.6 | 12. |
| 57.1 | 131.5 | 16161.3 | 100.0 | -69.3 | -99.9 | 296.8 | 26.1 | 23.3 | -11.7 | 395.6 | 395.6 | 0.1 | 72.0 | 61.6 | 12. |
| 63.0 | 139.7 | 18082.8 | 75.0 | -68.2 | -99.9 | 296.8 | 15.7 | 14.0 | -7.1 | 429.9 | 429.9 | 0.1 | 72.0 | 68.7 | 12. |
| 71.3 | 148.3 | 23579.2 | 50.0 | -59.1 | -99.9 | 315.7 | 9.3 | 6.5 | -6.6 | 504.2 | 504.2 | 0.1 | 72.0 | 73.4 | 12. |
| 85.0 | 157.3 | 33070.6 | 25.0 | -47.4 | -99.9 | 285.6 | 12.4 | 12.0 | -3.3 | 646.0 | 646.0 | 0.1 | 72.0 | 76.6 | 12. |

• BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
• BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
• BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 229
 CENTREVILLE, ALABAMA

 20 APRIL 1979
 805 GMT

155 22.0

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO CM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.7 | 5.5 | 140.0 | 1002.1 | 14.3 | 9.9 | 40.0 | 3.1 | -2.0 | -2.4 | 287.3 | 307.2 | 7.7 | 75.0 | 0.0 | 0. |
| 3.1 | 5.7 | 158.0 | 1000.0 | 16.6 | 8.2 | 92.9 | 4.5 | -4.5 | 0.2 | 289.7 | 307.9 | 6.9 | 61.2 | 0.1 | 330. |
| 0.7 | 7.0 | 376.1 | 975.0 | 20.3 | 4.5 | 184.2 | 5.0 | 0.4 | 5.0 | 295.6 | 310.4 | 5.4 | 35.5 | 0.2 | 313. |
| 1.4 | 10.3 | 539.6 | 950.0 | 19.1 | 1.6 | 106.1 | 5.3 | -5.1 | 1.5 | 295.5 | 309.2 | 4.6 | 31.3 | 0.4 | 317. |
| 2.7 | 12.7 | 928.0 | 925.0 | 17.9 | -0.7 | 92.5 | 5.2 | -5.2 | 0.2 | 297.6 | 308.7 | 3.9 | 29.3 | 0.6 | 294. |
| 3.5 | 15.1 | 1751.3 | 900.0 | 16.0 | 1.1 | 65.4 | 4.5 | -4.2 | -1.6 | 298.1 | 311.0 | 6.6 | 36.5 | 0.9 | 288. |
| 4.3 | 17.5 | 1300.1 | 875.0 | 14.4 | 2.9 | 25.6 | 2.4 | -1.0 | -2.2 | 298.8 | 313.7 | 5.4 | 45.8 | 1.0 | 278. |
| 5.5 | 19.9 | 1544.1 | 850.0 | 12.5 | 0.8 | 350.6 | 1.3 | 0.2 | -1.3 | 299.2 | 312.6 | 4.8 | 41.8 | 1.0 | 275. |
| 6.4 | 22.4 | 1723.9 | 825.0 | 10.7 | 0.4 | 328.1 | 2.5 | 1.3 | -2.1 | 299.9 | 313.3 | 4.8 | 48.9 | 1.0 | 268. |
| 7.5 | 24.9 | 2049.4 | 800.0 | 9.4 | -0.1 | 317.1 | 3.6 | 2.6 | -2.8 | 300.1 | 313.5 | 4.8 | 54.9 | 0.9 | 257. |
| 8.6 | 27.5 | 2410.9 | 775.0 | 5.1 | -1.3 | 306.5 | 4.8 | 3.9 | -2.9 | 300.3 | 313.1 | 4.5 | 59.4 | 0.7 | 241. |
| 9.4 | 30.0 | 2578.6 | 750.0 | 3.8 | -2.2 | 294.6 | 6.6 | 6.0 | -2.7 | 300.8 | 313.1 | 4.4 | 64.7 | 0.7 | 213. |
| 10.3 | 32.7 | 2553.5 | 725.0 | 1.7 | -2.2 | 282.4 | 6.7 | 6.5 | -1.4 | 301.4 | 316.1 | 4.5 | 75.3 | 0.7 | 172. |
| 11.3 | 35.3 | 3135.9 | 700.0 | 0.2 | -1.5 | 280.7 | 6.2 | 6.1 | -1.2 | 302.7 | 316.6 | 4.9 | 84.5 | 0.9 | 146. |
| 12.3 | 39.1 | 3427.8 | 675.0 | -0.5 | -1.3 | 283.2 | 5.4 | 5.2 | -1.2 | 303.1 | 319.9 | 5.2 | 94.3 | -2.2 | 134. |
| 13.9 | 40.9 | 3730.1 | 650.0 | -1.2 | -3.3 | 287.4 | 5.2 | 5.0 | -1.6 | 307.6 | 321.1 | 4.6 | 85.0 | 1.5 | 128. |
| 15.7 | 43.6 | 4042.1 | 625.0 | -3.5 | -5.4 | 284.2 | 5.7 | 5.5 | -1.4 | 308.4 | 320.1 | 4.0 | 84.1 | 1.8 | 124. |
| 16.2 | 46.5 | 4364.0 | 600.0 | -5.5 | -9.1 | 262.5 | 6.3 | 6.3 | 0.8 | 309.8 | 319.4 | 3.2 | 75.8 | 2.2 | 119. |
| 17.4 | 49.4 | 4696.8 | 575.0 | -7.4 | -14.1 | 254.6 | 4.8 | 4.7 | 1.3 | 311.4 | 318.4 | 2.3 | 60.7 | 2.8 | 112. |
| 18.5 | 52.4 | 5042.7 | 550.0 | -8.6 | -19.4 | 279.2 | 3.8 | 3.8 | -0.6 | 313.9 | 315.9 | 0.6 | 16.8 | 2.8 | 109. |
| 20.3 | 55.3 | 5421.8 | 525.0 | -10.7 | -26.4 | 287.7 | 7.2 | 6.9 | -2.2 | 315.6 | 316.9 | 0.4 | 12.1 | 3.2 | 109. |
| 21.3 | 58.6 | 5775.1 | 500.0 | -13.4 | -36.2 | 284.5 | 10.7 | 10.3 | -2.7 | 316.7 | 317.9 | 0.3 | 12.5 | 3.9 | 108. |
| 22.7 | 61.4 | 6162.9 | 475.0 | -16.9 | -36.8 | 284.6 | 12.0 | 11.6 | -3.0 | 317.0 | 318.2 | 0.3 | 15.8 | 4.9 | 107. |
| 24.2 | 65.0 | 6556.1 | 450.0 | -19.9 | -40.5 | 296.0 | 10.7 | 9.6 | -4.7 | 319.2 | 319.1 | 0.2 | 13.9 | 5.9 | 108. |
| 25.7 | 68.4 | 6988.4 | 425.0 | -22.6 | -43.1 | 302.0 | 10.7 | 9.0 | -5.6 | 320.0 | 320.8 | 0.2 | 13.4 | 6.8 | 109. |
| 27.4 | 72.0 | 7430.2 | 400.0 | -25.5 | -44.8 | 307.2 | 14.2 | 11.3 | -8.6 | 321.8 | 322.5 | 0.2 | 14.5 | 8.0 | 112. |
| 29.1 | 75.6 | 7936.2 | 375.0 | -28.2 | -47.4 | 312.9 | 17.0 | 12.5 | -11.6 | 324.2 | 324.6 | 0.1 | 13.8 | 9.5 | 115. |
| 31.0 | 79.3 | 8387.8 | 350.0 | -31.8 | -49.8 | 316.6 | 17.9 | 12.3 | -13.0 | 325.9 | 326.3 | 0.1 | 14.8 | 11.4 | 118. |
| 33.0 | 83.3 | 8727.8 | 325.0 | -35.5 | -52.2 | 316.7 | 20.8 | 14.3 | -15.1 | 327.8 | 328.1 | 0.1 | 16.0 | 13.7 | 121. |
| 35.2 | 87.3 | 9459.9 | 300.0 | -39.9 | -59.9 | 314.1 | 24.7 | 17.7 | -17.2 | 329.1 | 329.1 | 99.9 | 99.9 | 16.5 | 124. |
| 37.5 | 91.7 | 10247.7 | 275.0 | -45.2 | -69.9 | 309.0 | 28.4 | 22.0 | -17.8 | 329.8 | 329.8 | 99.9 | 99.9 | 20.1 | 125. |
| 39.4 | 96.2 | 10576.6 | 250.0 | -50.6 | -79.9 | 301.9 | 31.0 | 26.3 | -16.4 | 330.9 | 329.9 | 99.9 | 99.9 | 24.3 | 125. |
| 42.3 | 101.0 | 11154.4 | 225.0 | -55.9 | -89.9 | 306.1 | 34.5 | 27.9 | -20.3 | 335.8 | 329.9 | 99.9 | 99.9 | 29.2 | 125. |
| 45.2 | 105.0 | 12044.3 | 200.0 | -61.9 | -99.9 | 301.0 | 39.9 | 34.2 | -20.6 | 334.8 | 329.9 | 99.9 | 99.9 | 35.6 | 125. |
| 48.2 | 111.5 | 12912.0 | 175.0 | -65.7 | -99.9 | 300.8 | 34.8 | 29.9 | -17.8 | 341.6 | 329.9 | 99.9 | 99.9 | 42.9 | 124. |
| 52.0 | 117.5 | 13956.1 | 150.0 | -63.8 | -99.9 | 297.7 | 28.7 | 25.4 | -13.3 | 360.2 | 329.9 | 99.9 | 99.9 | 49.6 | 123. |
| 56.2 | 124.0 | 14748.4 | 125.0 | -65.8 | -99.9 | 291.5 | 24.8 | 23.0 | -9.1 | 375.9 | 329.9 | 99.9 | 99.9 | 58.2 | 123. |
| 61.4 | 131.3 | 16317.7 | 100.0 | -69.3 | -99.9 | 295.3 | 25.3 | 22.9 | -10.8 | 393.8 | 329.9 | 99.9 | 99.9 | 63.5 | 121. |
| 64.0 | 137.7 | 18251.3 | 75.0 | -64.0 | -99.9 | 300.8 | 16.6 | 14.2 | -8.5 | 436.7 | 329.9 | 99.9 | 99.9 | 71.7 | 121. |
| 76.6 | 148.7 | 25541.7 | 50.0 | -59.3 | -99.9 | 291.9 | 8.1 | 7.5 | -3.0 | 503.9 | 329.9 | 99.9 | 99.9 | 77.1 | 121. |
| 90.7 | 154.0 | 25319.4 | 25.0 | -45.9 | -99.9 | 186.7 | 2.8 | 0.4 | 2.8 | 652.7 | 329.9 | 99.9 | 99.9 | 80.6 | 120. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 229
CENTERVILLE, ALABAMA

20 APRIL 1979
1105 GMT

157 13. 0

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT V DG K | MR RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.3 | 5.5 | 140.0 | 1003.1 | 11.8 | 8.9 | 90.0 | 2.6 | -2.0 | -1.7 | 284.7 | 303.0 | 7.1 | 82.0 | 0.0 | 0.0 |
| 0.1 | 5.8 | 166.2 | 1002.0 | 14.3 | 7.2 | 97.3 | 4.5 | -4.5 | 0.6 | 287.4 | 304.1 | 6.4 | 64.7 | 0.1 | 318.0 |
| 0.9 | 8.0 | 393.5 | 975.0 | 20.6 | 0.5 | 143.5 | 5.7 | -3.4 | 4.6 | 295.9 | 307.2 | 4.1 | 25.0 | 0.2 | 305.0 |
| 1.3 | 10.3 | 607.3 | 950.0 | 19.6 | 1.1 | 131.7 | 5.2 | -3.9 | 3.4 | 297.1 | 309.4 | 4.4 | 29.1 | 0.5 | 313.0 |
| 2.5 | 12.6 | 936.1 | 925.0 | 18.2 | -1.1 | 116.4 | 4.8 | -4.3 | 2.1 | 297.9 | 308.7 | 3.8 | 27.0 | 0.7 | 311.0 |
| 3.6 | 14.9 | 1069.9 | 900.0 | 16.7 | 1.2 | 83.6 | 4.1 | -4.1 | -0.5 | 298.7 | 311.7 | 4.6 | 35.0 | 0.9 | 335.0 |
| 4.3 | 17.3 | 1308.8 | 875.0 | 14.4 | 3.1 | 51.5 | 2.9 | -2.3 | -1.8 | 298.8 | 313.9 | 5.5 | 46.5 | 1.1 | 296.0 |
| 5.2 | 19.7 | 1553.1 | 850.0 | 12.7 | 1.7 | 1.2 | 2.7 | -0.1 | -2.7 | 299.5 | 313.7 | 5.1 | 47.1 | 1.1 | 289.0 |
| 6.7 | 22.1 | 1733.0 | 825.0 | 10.8 | 0.5 | 340.8 | 3.7 | 1.2 | -3.5 | 300.0 | 313.5 | 4.8 | 48.9 | 1.0 | 291.0 |
| 7.3 | 24.6 | 2058.9 | 800.0 | 8.8 | -1.9 | 331.1 | 5.0 | 2.4 | -4.4 | 300.5 | 313.1 | 4.5 | 50.4 | 0.9 | 266.0 |
| 8.3 | 27.0 | 2320.6 | 775.0 | 6.7 | -1.3 | 322.5 | 5.9 | 3.6 | -4.7 | 301.0 | 313.8 | 4.5 | 56.7 | 0.7 | 246.0 |
| 9.3 | 29.4 | 2598.9 | 750.0 | 4.2 | -1.6 | 311.7 | 7.1 | 5.3 | -4.8 | 301.1 | 314.0 | 4.6 | 65.3 | 0.7 | 215.0 |
| 10.3 | 32.1 | 2948.0 | 725.0 | 2.2 | 0.5 | 301.4 | 8.0 | 6.9 | -4.2 | 301.9 | 317.4 | 5.5 | 88.4 | 0.9 | 181.0 |
| 11.1 | 34.9 | 3147.0 | 700.0 | 0.3 | -1.3 | 301.7 | 7.3 | 6.2 | -3.8 | 302.9 | 317.0 | 5.0 | 89.5 | 1.2 | 160.0 |
| 12.2 | 37.4 | 3338.9 | 675.0 | -0.4 | -1.6 | 309.9 | 5.3 | 4.1 | -3.4 | 305.3 | 319.9 | 5.1 | 92.5 | 1.6 | 151.0 |
| 13.2 | 40.0 | 3740.9 | 650.0 | -1.4 | -2.6 | 322.2 | 4.2 | 2.8 | -3.3 | 307.4 | 321.4 | 4.9 | 91.1 | 1.8 | 149.0 |
| 14.6 | 42.9 | 4052.4 | 625.0 | -3.8 | -7.1 | 316.3 | 4.0 | 2.6 | -2.9 | 308.1 | 319.8 | 3.6 | 78.5 | 2.1 | 148.0 |
| 15.5 | 45.6 | 4373.9 | 600.0 | -6.3 | -7.9 | 280.6 | 4.9 | 4.8 | -0.9 | 308.9 | 319.3 | 3.5 | 88.1 | 2.4 | 145.0 |
| 16.3 | 49.4 | 4705.7 | 575.0 | -9.6 | -12.7 | 259.6 | 5.9 | 5.9 | 1.1 | 309.9 | 317.8 | 2.6 | 75.8 | 2.6 | 137.0 |
| 18.0 | 51.4 | 5250.2 | 550.0 | -9.4 | -33.9 | 258.3 | 5.8 | 5.7 | 1.2 | 312.9 | 314.3 | 0.4 | 11.5 | 2.9 | 129.0 |
| 19.3 | 54.4 | 5407.8 | 525.0 | -12.0 | -39.2 | 257.1 | 6.5 | 6.5 | 0.3 | 314.1 | 314.9 | 0.2 | 8.3 | 3.2 | 123.0 |
| 20.6 | 57.4 | 5790.3 | 500.0 | -13.3 | -41.6 | 288.7 | 9.6 | 9.1 | -3.1 | 316.9 | 317.6 | 0.2 | 7.3 | 3.7 | 119.0 |
| 22.1 | 62.6 | 6158.6 | 475.0 | -16.5 | -42.2 | 299.7 | 10.7 | 9.3 | -5.3 | 317.5 | 318.2 | 0.2 | 8.7 | 4.7 | 119.0 |
| 23.7 | 63.9 | 6573.3 | 450.0 | -19.6 | -46.5 | 307.6 | 9.8 | 7.8 | -6.0 | 319.8 | 320.3 | 0.1 | 6.5 | 5.7 | 123.0 |
| 25.3 | 67.1 | 6996.6 | 425.0 | -22.0 | -47.5 | 310.4 | 11.0 | 9.0 | -6.3 | 320.9 | 321.3 | 0.1 | 7.7 | 6.6 | 121.0 |
| 26.7 | 70.6 | 7490.5 | 400.0 | -24.5 | -50.5 | 310.4 | 12.5 | 9.5 | -8.1 | 323.2 | 323.5 | 0.1 | 6.9 | 7.7 | 121.0 |
| 30.5 | 77.9 | 8492.0 | 350.0 | -27.2 | -51.6 | 316.3 | 14.6 | 10.1 | -10.6 | 325.7 | 326.0 | 0.1 | 7.7 | 9.2 | 123.0 |
| 32.7 | 81.7 | 8923.4 | 325.0 | -15.2 | -56.5 | 326.7 | 18.0 | 9.9 | -15.1 | 328.2 | 328.4 | 0.1 | 9.2 | 13.0 | 129.0 |
| 35.1 | 85.8 | 9475.9 | 300.0 | -39.8 | 99.9 | 322.2 | 20.7 | 12.7 | -16.3 | 329.3 | 329.9 | 99.9 | 99.9 | 15.6 | 132.0 |
| 37.4 | 90.0 | 10763.9 | 275.0 | -44.5 | 99.9 | 314.5 | 24.1 | 17.2 | -16.9 | 330.8 | 330.8 | 99.9 | 99.9 | 18.7 | 133.0 |
| 39.3 | 94.6 | 10993.7 | 250.0 | -49.9 | 99.9 | 311.2 | 29.2 | 22.0 | -19.2 | 331.8 | 331.8 | 99.9 | 99.9 | 22.4 | 133.0 |
| 42.2 | 99.3 | 11374.7 | 225.0 | -55.6 | 99.9 | 303.5 | 34.9 | 29.1 | -19.3 | 333.4 | 333.4 | 99.9 | 99.9 | 27.1 | 132.0 |
| 44.8 | 104.4 | 12113.4 | 200.0 | -62.2 | 99.9 | 295.3 | 37.4 | 33.8 | -16.0 | 334.3 | 334.3 | 99.9 | 99.9 | 32.4 | 138.0 |
| 47.5 | 109.9 | 12730.6 | 175.0 | -68.1 | 99.9 | 310.4 | 32.4 | 28.7 | -21.0 | 340.9 | 340.9 | 99.9 | 99.9 | 36.3 | 128.0 |
| 50.9 | 115.4 | 13971.0 | 150.0 | -64.1 | 99.9 | 306.0 | 28.5 | 19.9 | -14.4 | 359.7 | 359.7 | 99.9 | 99.9 | 44.1 | 129.0 |
| 55.5 | 122.3 | 14990.0 | 125.0 | -64.7 | 99.9 | 292.0 | 22.8 | 21.2 | -8.5 | 377.9 | 377.9 | 99.9 | 99.9 | 50.2 | 127.0 |
| 60.6 | 129.7 | 16152.3 | 100.0 | -66.4 | 99.9 | 303.0 | 24.1 | 20.9 | -12.1 | 399.4 | 399.4 | 99.9 | 99.9 | 56.8 | 126.0 |
| 66.3 | 137.7 | 18336.6 | 75.0 | -55.7 | 99.9 | 307.1 | 17.0 | 13.5 | -10.2 | 435.2 | 435.2 | 99.9 | 99.9 | 64.8 | 125.0 |
| 74.7 | 147.0 | 20542.3 | 50.0 | -59.6 | 99.9 | 321.8 | 7.5 | 4.7 | -5.9 | 503.0 | 503.0 | 99.9 | 99.9 | 69.8 | 126.0 |
| 84.1 | 156.7 | 25097.4 | 25.0 | -43.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 659.2 | 659.2 | 99.9 | 99.9 | 73.0 | 126.0 |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 232
 BOOTHVILLE, LOUISIANA

 19 APRIL 1979
 1100 GMT

155 15. 0

| TIME MIN | CNCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | J COMP M/SEC | V COMP M/SEC | POT I DG K | E POT I DG K | MX RTO GM/KG | RM PCT | RANGE K4 | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 3.4 | 1.0 | 1019.1 | 17.3 | 17.0 | 999.9 | 99.9 | 99.9 | 99.9 | 288.9 | 319.5 | 12.1 | 98.0 | 999.9 | 999.9 |
| 0.5 | 5.1 | 164.0 | 1000.0 | 23.1 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 296.2 | 319.5 | 99.9 | 999.9 | 999.9 | 999.9 |
| 1.4 | 7.0 | 384.0 | 975.0 | 22.2 | 3.6 | 999.9 | 99.9 | 99.9 | 99.9 | 297.5 | 311.5 | 5.1 | 29.6 | 999.9 | 999.9 |
| 2.7 | 9.2 | 609.0 | 950.0 | 20.5 | 7.3 | 999.9 | 99.9 | 99.9 | 99.9 | 298.0 | 316.5 | 6.8 | 42.5 | 999.9 | 999.9 |
| 3.1 | 11.3 | 939.6 | 925.0 | 18.5 | 6.2 | 999.9 | 99.9 | 99.9 | 99.9 | 298.3 | 316.0 | 6.5 | 44.5 | 999.9 | 999.9 |
| 3.4 | 13.5 | 1073.0 | 900.0 | 16.9 | 6.1 | 999.9 | 99.9 | 99.9 | 99.9 | 299.0 | 317.1 | 6.6 | 48.9 | 999.9 | 999.9 |
| 5.0 | 15.7 | 1312.7 | 875.0 | 15.4 | 3.7 | 999.9 | 99.9 | 99.9 | 99.9 | 299.7 | 315.7 | 5.7 | 45.7 | 999.9 | 999.9 |
| 5.9 | 18.1 | 1557.7 | 850.0 | 13.7 | 2.8 | 999.9 | 99.9 | 99.9 | 99.9 | 300.5 | 315.9 | 5.5 | 47.9 | 999.9 | 999.9 |
| 6.8 | 20.4 | 1809.6 | 825.0 | 12.2 | -4.5 | 999.9 | 99.9 | 99.9 | 99.9 | 301.5 | 311.2 | 3.4 | 31.3 | 999.9 | 999.9 |
| 7.8 | 22.7 | 2065.5 | 800.0 | 10.6 | -10.4 | 999.9 | 99.9 | 99.9 | 99.9 | 302.5 | 308.9 | 2.2 | 21.6 | 999.9 | 999.9 |
| 9.7 | 25.3 | 2328.7 | 775.0 | 8.9 | -18.8 | 999.9 | 99.9 | 99.9 | 99.9 | 303.4 | 306.9 | 1.1 | 12.2 | 999.9 | 999.9 |
| 10.7 | 30.3 | 2977.0 | 725.0 | 7.1 | -13.6 | 999.9 | 99.9 | 99.9 | 99.9 | 304.3 | 309.7 | 1.8 | 21.2 | 999.9 | 999.9 |
| 12.1 | 31.0 | 3163.4 | 700.0 | 5.7 | -2.5 | 999.9 | 99.9 | 99.9 | 99.9 | 305.8 | 315.6 | 4.4 | 56.0 | 999.9 | 999.9 |
| 13.1 | 33.5 | 3458.3 | 675.0 | 3.5 | 0.4 | 999.9 | 99.9 | 99.9 | 99.9 | 306.4 | 322.5 | 5.6 | 79.8 | 999.9 | 999.9 |
| 14.2 | 38.3 | 3761.9 | 650.0 | 0.1 | -3.1 | 999.9 | 99.9 | 99.9 | 99.9 | 307.6 | 320.6 | 4.5 | 70.4 | 999.9 | 999.9 |
| 15.3 | 43.9 | 4075.1 | 625.0 | -2.1 | -6.7 | 999.9 | 99.9 | 99.9 | 99.9 | 309.1 | 320.5 | 3.9 | 65.7 | 999.9 | 999.9 |
| 16.4 | 46.8 | 4398.3 | 600.0 | -4.8 | -11.9 | 999.9 | 99.9 | 99.9 | 99.9 | 310.1 | 321.1 | 3.7 | 73.4 | 999.9 | 999.9 |
| 17.5 | 49.9 | 4732.7 | 575.0 | -6.7 | -18.4 | 999.9 | 99.9 | 99.9 | 99.9 | 312.2 | 323.4 | 3.7 | 92.8 | 999.9 | 999.9 |
| 19.8 | 52.9 | 5078.7 | 550.0 | -10.3 | -28.4 | 999.9 | 99.9 | 99.9 | 99.9 | 316.0 | 318.5 | 0.8 | 22.7 | 999.9 | 999.9 |
| 20.1 | 55.8 | 5312.9 | 500.0 | -12.3 | -36.1 | 999.9 | 99.9 | 99.9 | 99.9 | 318.0 | 319.2 | 0.3 | 11.7 | 999.9 | 999.9 |
| 22.9 | 59.1 | 6202.3 | 475.0 | -15.3 | -41.7 | 999.9 | 99.9 | 99.9 | 99.9 | 319.0 | 323.0 | 1.2 | 43.8 | 999.9 | 999.9 |
| 24.2 | 62.5 | 6508.9 | 450.0 | -18.1 | -43.6 | 999.9 | 99.9 | 99.9 | 99.9 | 320.5 | 324.7 | 1.3 | 61.8 | 999.9 | 999.9 |
| 25.9 | 66.2 | 7333.6 | 425.0 | -21.0 | -44.9 | 999.9 | 99.9 | 99.9 | 99.9 | 322.0 | 326.8 | 1.5 | 87.5 | 999.9 | 999.9 |
| 27.1 | 69.7 | 7479.2 | 400.0 | -24.1 | -45.0 | 999.9 | 99.9 | 99.9 | 99.9 | 323.7 | 327.8 | 1.2 | 92.2 | 999.9 | 999.9 |
| 28.7 | 73.3 | 7707.6 | 375.0 | -27.1 | -47.1 | 999.9 | 99.9 | 99.9 | 99.9 | 325.7 | 328.6 | 0.8 | 75.2 | 999.9 | 999.9 |
| 30.4 | 77.3 | 8440.6 | 350.0 | -31.3 | -47.7 | 999.9 | 99.9 | 99.9 | 99.9 | 326.6 | 329.5 | 0.3 | 50.2 | 999.9 | 999.9 |
| 32.2 | 81.2 | 9161.1 | 325.0 | -35.1 | -49.9 | 999.9 | 99.9 | 99.9 | 99.9 | 328.3 | 329.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 34.1 | 85.3 | 9314.1 | 300.0 | -39.8 | -49.9 | 999.9 | 99.9 | 99.9 | 99.9 | 330.2 | 329.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 36.2 | 89.7 | 10122.6 | 275.0 | -44.9 | -49.9 | 999.9 | 99.9 | 99.9 | 99.9 | 332.2 | 329.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 38.6 | 94.4 | 10732.5 | 250.0 | -49.7 | -49.9 | 999.9 | 99.9 | 99.9 | 99.9 | 333.5 | 329.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 41.2 | 99.3 | 11413.1 | 225.0 | -55.5 | -49.9 | 999.9 | 99.9 | 99.9 | 99.9 | 335.9 | 329.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 43.8 | 104.2 | 12154.0 | 200.0 | -61.2 | -49.9 | 999.9 | 99.9 | 99.9 | 99.9 | 338.3 | 329.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 46.9 | 110.0 | 12982.3 | 175.0 | -69.8 | -49.9 | 999.9 | 99.9 | 99.9 | 99.9 | 341.3 | 329.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 50.5 | 115.8 | 13337.7 | 150.0 | -63.3 | -49.9 | 999.9 | 99.9 | 99.9 | 99.9 | 346.1 | 329.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 54.8 | 122.7 | 15045.9 | 125.0 | -66.0 | -49.9 | 999.9 | 99.9 | 99.9 | 99.9 | 353.6 | 329.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 59.9 | 130.0 | 16392.1 | 100.0 | -69.4 | -49.9 | 999.9 | 99.9 | 99.9 | 99.9 | 359.7 | 329.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 66.0 | 137.5 | 18105.3 | 75.0 | -69.5 | -49.9 | 999.9 | 99.9 | 99.9 | 99.9 | 427.2 | 329.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 74.5 | 145.3 | 20558.9 | 50.0 | -59.9 | -49.9 | 999.9 | 99.9 | 99.9 | 99.9 | 503.4 | 329.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 98.5 | 153.7 | 25060.0 | 25.0 | -48.1 | -49.9 | 999.9 | 99.9 | 99.9 | 99.9 | 652.4 | 329.9 | 99.9 | 999.9 | 999.9 | 999.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 232
BOOTHVILLE, LOUISIANA

19 APRIL 1979
2300 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO CM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.2 | 3.4 | 1.0 | 1019.1 | 22.1 | 16.6 | 999.9 | 99.9 | 99.9 | 99.9 | 293.7 | 324.2 | 11.8 | 71.0 | 999.9 | 999.9 |
| 0.6 | 5.2 | 165.9 | 1000.0 | 22.5 | 12.5 | 999.9 | 99.9 | 99.9 | 99.9 | 295.6 | 320.2 | 9.3 | 53.7 | 999.9 | 999.9 |
| 1.4 | 7.3 | 383.8 | 975.0 | 21.9 | 8.0 | 999.9 | 99.9 | 99.9 | 99.9 | 297.2 | 316.0 | 6.9 | 40.4 | 999.9 | 999.9 |
| 2.2 | 9.7 | 611.0 | 950.0 | 21.0 | 8.9 | 999.9 | 99.9 | 99.9 | 99.9 | 298.5 | 319.1 | 7.6 | 45.9 | 999.9 | 999.9 |
| 3.0 | 12.0 | 841.0 | 925.0 | 19.1 | 7.3 | 999.9 | 99.9 | 99.9 | 99.9 | 298.8 | 317.8 | 6.9 | 46.2 | 999.9 | 999.9 |
| 3.7 | 14.5 | 1075.9 | 900.0 | 17.4 | 6.3 | 999.9 | 99.9 | 99.9 | 99.9 | 299.4 | 317.8 | 6.7 | 48.1 | 999.9 | 999.9 |
| 4.6 | 16.9 | 1316.1 | 875.0 | 16.6 | 3.6 | 999.9 | 99.9 | 99.9 | 99.9 | 301.0 | 316.9 | 5.7 | 42.0 | 999.9 | 999.9 |
| 5.4 | 19.4 | 1562.1 | 850.0 | 14.7 | 1.8 | 999.9 | 99.9 | 99.9 | 99.9 | 301.6 | 316.0 | 5.1 | 41.6 | 999.9 | 999.9 |
| 6.4 | 21.9 | 1813.7 | 825.0 | 12.9 | -0.2 | 999.9 | 99.9 | 99.9 | 99.9 | 302.3 | 315.3 | 4.6 | 40.5 | 999.9 | 999.9 |
| 7.1 | 24.4 | 2071.3 | 800.0 | 10.9 | -1.7 | 999.9 | 99.9 | 99.9 | 99.9 | 302.8 | 314.9 | 4.3 | 41.6 | 999.9 | 999.9 |
| 8.2 | 27.0 | 2335.0 | 775.0 | 9.2 | -10.6 | 999.9 | 99.9 | 99.9 | 99.9 | 303.7 | 310.2 | 2.2 | 23.5 | 999.9 | 999.9 |
| 9.3 | 29.4 | 2605.7 | 750.0 | 7.5 | -15.6 | 999.9 | 99.9 | 99.9 | 99.9 | 305.7 | 309.3 | 1.5 | 17.2 | 999.9 | 999.9 |
| 10.3 | 32.7 | 2893.8 | 725.0 | 5.7 | -29.1 | 999.9 | 99.9 | 99.9 | 99.9 | 308.2 | 319.5 | 0.7 | 9.2 | 999.9 | 999.9 |
| 11.1 | 35.4 | 3170.0 | 700.0 | 3.4 | -2.4 | 999.9 | 99.9 | 99.9 | 99.9 | 308.2 | 323.8 | 6.0 | 93.4 | 999.9 | 999.9 |
| 12.3 | 38.3 | 3464.0 | 675.0 | 0.9 | 0.7 | 999.9 | 99.9 | 99.9 | 99.9 | 308.2 | 324.3 | 5.6 | 93.8 | 999.9 | 999.9 |
| 13.7 | 41.1 | 3767.3 | 650.0 | -0.7 | -0.7 | 999.9 | 99.9 | 99.9 | 99.9 | 309.5 | 324.3 | 5.1 | 102.8 | 999.9 | 999.9 |
| 14.7 | 46.2 | 4079.9 | 625.0 | -2.6 | -3.9 | 999.9 | 99.9 | 99.9 | 99.9 | 311.6 | 325.8 | 4.8 | 103.5 | 999.9 | 999.9 |
| 15.2 | 47.4 | 4403.7 | 600.0 | -3.9 | -5.2 | 999.9 | 99.9 | 99.9 | 99.9 | 314.0 | 327.5 | 4.5 | 103.6 | 999.9 | 999.9 |
| 16.2 | 50.4 | 4739.6 | 575.0 | -5.2 | -7.1 | 999.9 | 99.9 | 99.9 | 99.9 | 315.6 | 327.9 | 4.1 | 103.8 | 999.9 | 999.9 |
| 17.5 | 53.7 | 5088.3 | 550.0 | -7.1 | -10.4 | 999.9 | 99.9 | 99.9 | 99.9 | 317.7 | 326.7 | 2.9 | 103.2 | 999.9 | 999.9 |
| 18.7 | 56.9 | 5449.6 | 525.0 | -10.0 | -12.7 | 999.9 | 99.9 | 99.9 | 99.9 | 317.8 | 318.1 | 0.1 | 3.7 | 999.9 | 999.9 |
| 19.9 | 60.4 | 5824.5 | 500.0 | -16.3 | -19.0 | 999.9 | 99.9 | 99.9 | 99.9 | 321.0 | 322.1 | 0.3 | 18.1 | 999.9 | 999.9 |
| 21.3 | 64.0 | 6213.4 | 475.0 | -17.7 | -43.6 | 999.9 | 99.9 | 99.9 | 99.9 | 323.2 | 323.9 | 0.2 | 10.1 | 999.9 | 999.9 |
| 22.7 | 67.4 | 6619.4 | 450.0 | -20.1 | -43.6 | 999.9 | 99.9 | 99.9 | 99.9 | 325.8 | 326.6 | 0.2 | 13.3 | 999.9 | 999.9 |
| 24.2 | 71.0 | 7044.9 | 425.0 | -25.9 | -39.9 | 999.9 | 99.9 | 99.9 | 99.9 | 327.3 | 328.5 | 0.3 | 25.5 | 999.9 | 999.9 |
| 25.9 | 75.2 | 7492.8 | 400.0 | -29.5 | -41.7 | 999.9 | 99.9 | 99.9 | 99.9 | 329.0 | 330.0 | 0.3 | 29.3 | 999.9 | 999.9 |
| 27.4 | 79.3 | 7963.5 | 375.0 | -38.1 | -52.5 | 999.9 | 99.9 | 99.9 | 99.9 | 331.6 | 331.3 | 0.1 | 21.1 | 999.9 | 999.9 |
| 29.1 | 83.1 | 8459.7 | 350.0 | -43.3 | -48.0 | 999.9 | 99.9 | 99.9 | 99.9 | 332.5 | 332.0 | 0.1 | 20.2 | 999.9 | 999.9 |
| 30.9 | 87.7 | 8984.7 | 325.0 | -48.0 | -52.5 | 999.9 | 99.9 | 99.9 | 99.9 | 333.9 | 333.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 32.7 | 92.3 | 9541.2 | 300.0 | -51.2 | -51.2 | 999.9 | 99.9 | 99.9 | 99.9 | 334.1 | 334.1 | 99.9 | 999.9 | 999.9 | 999.9 |
| 34.6 | 97.0 | 10133.1 | 275.0 | -62.6 | -62.6 | 999.9 | 99.9 | 99.9 | 99.9 | 349.0 | 349.0 | 99.9 | 999.9 | 999.9 | 999.9 |
| 36.4 | 102.0 | 10767.2 | 250.0 | -66.0 | -66.0 | 999.9 | 99.9 | 99.9 | 99.9 | 362.2 | 362.2 | 99.9 | 999.9 | 999.9 | 999.9 |
| 39.3 | 107.5 | 11450.6 | 225.0 | -69.6 | -69.6 | 999.9 | 99.9 | 99.9 | 99.9 | 375.6 | 375.6 | 99.9 | 999.9 | 999.9 | 999.9 |
| 42.7 | 113.0 | 12191.9 | 200.0 | -71.2 | -71.2 | 999.9 | 99.9 | 99.9 | 99.9 | 393.4 | 393.4 | 99.9 | 999.9 | 999.9 | 999.9 |
| 44.7 | 119.0 | 13019.8 | 175.0 | -68.8 | -68.8 | 999.9 | 99.9 | 99.9 | 99.9 | 428.8 | 428.8 | 99.9 | 999.9 | 999.9 | 999.9 |
| 48.2 | 125.7 | 13776.8 | 150.0 | -59.1 | -59.1 | 999.9 | 99.9 | 99.9 | 99.9 | 504.3 | 504.3 | 99.9 | 999.9 | 999.9 | 999.9 |
| 52.2 | 132.7 | 15092.7 | 125.0 | -50.5 | -50.5 | 999.9 | 99.9 | 99.9 | 99.9 | 639.6 | 639.6 | 99.9 | 999.9 | 999.9 | 999.9 |
| 56.9 | 137.9 | 16433.5 | 100.0 | | | | | | | | | | | | |
| 62.9 | 147.0 | 18139.5 | 75.0 | | | | | | | | | | | | |
| 70.5 | 154.7 | 20398.1 | 50.0 | | | | | | | | | | | | |
| 84.3 | 163.0 | 25073.3 | 25.0 | | | | | | | | | | | | |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 232
BOOTHVILLE, LOUISIANA20 APRIL 1979
1100 GMT

157 16. 0

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO CM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.3 | 4.3 | 1.0 | 1017.0 | 17.1 | 16.5 | 999.9 | 99.9 | 99.9 | 99.9 | 288.9 | 318.6 | 11.7 | 96.0 | 999.9 | 999.9 |
| 0.5 | 5.4 | 1.5.9 | 1000.0 | 20.5 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 293.7 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 1.4 | 7.4 | 364.6 | 975.0 | 20.9 | 11.2 | 999.9 | 99.9 | 99.9 | 99.9 | 296.2 | 319.2 | 8.6 | 54.0 | 999.9 | 999.9 |
| 2.3 | 9.3 | 588.8 | 950.8 | 19.8 | 8.0 | 999.9 | 99.9 | 99.9 | 99.9 | 297.3 | 316.6 | 7.1 | 46.6 | 999.9 | 999.9 |
| 3.1 | 11.5 | 818.1 | 925.0 | 19.6 | 6.2 | 999.9 | 99.9 | 99.9 | 99.9 | 298.3 | 316.0 | 6.4 | 44.2 | 999.9 | 999.9 |
| 4.0 | 13.8 | 1052.5 | 900.0 | 16.9 | 5.4 | 999.9 | 99.9 | 99.9 | 99.9 | 298.9 | 316.2 | 6.3 | 46.8 | 999.9 | 999.9 |
| 5.0 | 15.9 | 1291.9 | 875.0 | 15.1 | 1.8 | 999.9 | 99.9 | 99.9 | 99.9 | 299.5 | 313.5 | 5.0 | 43.4 | 999.9 | 999.9 |
| 5.9 | 18.3 | 1536.5 | 850.0 | 13.7 | -9.0 | 999.9 | 99.9 | 99.9 | 99.9 | 300.5 | 307.3 | 2.3 | 20.1 | 999.9 | 999.9 |
| 6.7 | 20.6 | 1787.3 | 825.0 | 12.0 | -2.1 | 999.9 | 99.9 | 99.9 | 99.9 | 301.3 | 312.6 | 4.0 | 37.2 | 999.9 | 999.9 |
| 7.9 | 22.9 | 2043.8 | 800.0 | 9.9 | -3.1 | 999.9 | 99.9 | 99.9 | 99.9 | 301.7 | 312.7 | 3.8 | 40.0 | 999.9 | 999.9 |
| 8.9 | 25.3 | 2307.0 | 775.0 | 8.3 | -5.6 | 999.9 | 99.9 | 99.9 | 99.9 | 302.7 | 312.1 | 3.2 | 36.7 | 999.9 | 999.9 |
| 9.3 | 27.7 | 2572.0 | 750.0 | 7.4 | -17.6 | 999.9 | 99.9 | 99.9 | 99.9 | 304.6 | 308.6 | 1.3 | 15.1 | 999.9 | 999.9 |
| 11.3 | 30.4 | 2855.0 | 725.0 | 5.5 | -2.0 | 999.9 | 99.9 | 99.9 | 99.9 | 305.5 | 318.8 | 4.6 | 58.8 | 999.9 | 999.9 |
| 12.7 | 33.0 | 3140.9 | 700.0 | 3.6 | -1.3 | 999.9 | 99.9 | 99.9 | 99.9 | 306.5 | 320.7 | 5.0 | 70.2 | 999.9 | 999.9 |
| 13.2 | 35.6 | 3435.8 | 675.0 | 2.0 | -2.6 | 999.9 | 99.9 | 99.9 | 99.9 | 307.9 | 321.5 | 4.7 | 71.8 | 999.9 | 999.9 |
| 14.4 | 38.3 | 3719.3 | 650.0 | -0.3 | -4.6 | 999.9 | 99.9 | 99.9 | 99.9 | 308.7 | 320.9 | 4.2 | 72.5 | 999.9 | 999.9 |
| 15.5 | 40.9 | 4032.4 | 625.0 | -2.3 | -5.3 | 999.9 | 99.9 | 99.9 | 99.9 | 309.8 | 322.0 | 4.1 | 79.9 | 999.9 | 999.9 |
| 16.5 | 43.8 | 4375.6 | 600.0 | -4.6 | -7.0 | 999.9 | 99.9 | 99.9 | 99.9 | 310.8 | 322.0 | 3.8 | 81.2 | 999.9 | 999.9 |
| 18.1 | 46.8 | 4759.7 | 575.0 | -6.7 | -9.2 | 999.9 | 99.9 | 99.9 | 99.9 | 312.1 | 322.2 | 3.3 | 82.8 | 999.9 | 999.9 |
| 19.5 | 49.9 | 5056.4 | 550.0 | -7.2 | -21.9 | 999.9 | 99.9 | 99.9 | 99.9 | 315.5 | 319.8 | 1.3 | 32.8 | 999.9 | 999.9 |
| 20.4 | 52.9 | 5417.9 | 525.0 | -9.4 | -12.2 | 999.9 | 99.9 | 99.9 | 99.9 | 317.1 | 326.0 | 2.9 | 80.0 | 999.9 | 999.9 |
| 22.2 | 55.9 | 5794.0 | 500.0 | -11.7 | -14.4 | 999.9 | 99.9 | 99.9 | 99.9 | 318.8 | 326.6 | 2.9 | 80.2 | 999.9 | 999.9 |
| 23.3 | 59.3 | 6195.7 | 475.0 | -14.0 | -19.3 | 999.9 | 99.9 | 99.9 | 99.9 | 320.7 | 326.9 | 1.9 | 69.8 | 999.9 | 999.9 |
| 25.4 | 62.7 | 6594.4 | 450.0 | -16.7 | -21.6 | 999.9 | 99.9 | 99.9 | 99.9 | 322.2 | 327.1 | 1.5 | 65.6 | 999.9 | 999.9 |
| 27.7 | 66.2 | 7021.5 | 425.0 | -19.7 | -24.9 | 999.9 | 99.9 | 99.9 | 99.9 | 323.7 | 327.7 | 1.2 | 63.2 | 999.9 | 999.9 |
| 28.5 | 70.0 | 7468.4 | 400.0 | -23.4 | -27.7 | 999.9 | 99.9 | 99.9 | 99.9 | 324.5 | 327.8 | 1.0 | 67.6 | 999.9 | 999.9 |
| 30.3 | 73.7 | 7937.7 | 375.0 | -24.7 | -30.7 | 999.9 | 99.9 | 99.9 | 99.9 | 326.3 | 329.0 | 0.8 | 65.2 | 999.9 | 999.9 |
| 32.2 | 77.8 | 8431.8 | 350.0 | -30.8 | -34.4 | 999.9 | 99.9 | 99.9 | 99.9 | 327.3 | 329.3 | 0.6 | 63.9 | 999.9 | 999.9 |
| 34.2 | 81.4 | 8953.7 | 325.0 | -34.5 | -39.6 | 999.9 | 99.9 | 99.9 | 99.9 | 329.1 | 330.4 | 0.4 | 53.3 | 999.9 | 999.9 |
| 36.4 | 86.2 | 9508.0 | 300.0 | -39.8 | -43.9 | 999.9 | 99.9 | 99.9 | 99.9 | 330.7 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 38.5 | 91.0 | 10098.6 | 275.0 | -43.9 | -49.9 | 999.9 | 99.9 | 99.9 | 99.9 | 331.6 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 41.3 | 95.8 | 10711.9 | 250.0 | -47.1 | -49.9 | 999.9 | 99.9 | 99.9 | 99.9 | 333.0 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 43.5 | 101.0 | 11613.5 | 225.0 | -55.6 | -55.6 | 999.9 | 99.9 | 99.9 | 99.9 | 333.3 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 46.7 | 106.5 | 12154.2 | 200.0 | -61.8 | -61.8 | 999.9 | 99.9 | 99.9 | 99.9 | 334.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 48.1 | 112.3 | 12796.5 | 175.0 | -67.8 | -67.8 | 999.9 | 99.9 | 99.9 | 99.9 | 338.0 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 52.4 | 119.0 | 13720.4 | 150.0 | -61.4 | -61.4 | 999.9 | 99.9 | 99.9 | 99.9 | 364.3 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 56.3 | 126.0 | 15037.0 | 125.0 | -65.7 | -65.7 | 999.9 | 99.9 | 99.9 | 99.9 | 376.0 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 61.5 | 134.7 | 16792.9 | 100.0 | -69.4 | -69.4 | 999.9 | 99.9 | 99.9 | 99.9 | 393.7 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 67.4 | 141.5 | 18096.2 | 75.0 | -70.5 | -70.5 | 999.9 | 99.9 | 99.9 | 99.9 | 425.1 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 76.1 | 149.3 | 20563.0 | 50.0 | -81.7 | -81.7 | 999.9 | 99.9 | 99.9 | 99.9 | 498.1 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 88.1 | 157.0 | 25054.4 | 25.0 | -46.5 | -46.5 | 999.9 | 99.9 | 99.9 | 99.9 | 650.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 235
JACKSON, MISSISSIPPI

19 APRIL 1979
1105 GMT

| TIME UT | CNCT | HEIGHT GPM | PRES MB | TEMP CG C | DEW PT CG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | 2M PCT | RANGE KM | AZ DG |
|------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 5.8 | 91.0 | 1009.5 | 16.7 | 15.6 | 360.0 | 0.0 | 0.0 | 0.0 | 289.1 | 317.4 | 11.1 | 93.0 | 0.0 | 0. |
| 0.2 | 6.6 | 172.4 | 1005.0 | 19.5 | 13.5 | 160.7 | 4.0 | -1.3 | 3.8 | 292.6 | 318.2 | 9.8 | 63.7 | 0.1 | 308. |
| 1.0 | 9.0 | 391.6 | 975.0 | 21.5 | 11.8 | 157.6 | 4.3 | -2.1 | 4.0 | 296.8 | 320.8 | 9.0 | 53.8 | 0.2 | 326. |
| 1.7 | 11.4 | 616.8 | 950.0 | 20.2 | 10.3 | 150.6 | 4.3 | -1.6 | 3.7 | 297.7 | 320.1 | 8.3 | 52.8 | 0.4 | 330. |
| 2.5 | 13.7 | 846.3 | 925.0 | 19.7 | 8.1 | 141.3 | 4.4 | -2.7 | 3.4 | 298.5 | 318.5 | 7.3 | 49.9 | 0.6 | 329. |
| 3.4 | 16.2 | 1080.7 | 905.0 | 16.4 | 9.9 | 128.4 | 4.5 | -3.5 | 2.8 | 298.4 | 321.5 | 6.6 | 65.4 | 0.9 | 325. |
| 4.1 | 18.6 | 1320.2 | 875.0 | 14.7 | 8.5 | 130.4 | 5.8 | -4.4 | 3.7 | 299.1 | 320.8 | 8.0 | 65.1 | 1.0 | 321. |
| 4.7 | 21.1 | 1544.9 | 850.0 | 12.7 | 6.9 | 139.1 | 6.8 | -4.5 | 5.2 | 299.5 | 319.6 | 7.4 | 67.6 | 1.4 | 320. |
| 5.7 | 23.5 | 1815.1 | 825.0 | 10.9 | 4.7 | 146.8 | 6.2 | -3.4 | 5.2 | 300.1 | 318.1 | 6.5 | 65.4 | 1.7 | 320. |
| 6.6 | 26.0 | 2071.1 | 800.0 | 9.3 | 0.3 | 159.8 | 4.8 | -1.6 | 4.5 | 301.0 | 314.9 | 4.9 | 53.6 | 2.0 | 322. |
| 7.5 | 28.6 | 2333.7 | 775.0 | 7.3 | -1.4 | 168.4 | 5.0 | -1.0 | 4.9 | 301.7 | 314.4 | 4.5 | 53.8 | 2.2 | 324. |
| 8.4 | 31.2 | 2602.9 | 750.0 | 5.6 | -3.4 | 183.0 | 6.7 | 0.4 | 6.6 | 302.6 | 314.0 | 4.0 | 52.4 | 2.4 | 328. |
| 9.3 | 33.8 | 2879.1 | 725.0 | 3.2 | -7.3 | 204.3 | 7.4 | 3.0 | 6.7 | 303.0 | 311.9 | 3.1 | 45.9 | 2.7 | 334. |
| 10.2 | 36.5 | 3162.7 | 700.0 | 1.3 | -10.5 | 223.5 | 7.9 | 5.5 | 5.7 | 304.0 | 311.3 | 2.5 | 41.2 | 3.0 | 341. |
| 11.3 | 39.2 | 3454.9 | 675.0 | 0.2 | 0.2 | 241.1 | 6.9 | 6.0 | 3.3 | 305.9 | 322.3 | 5.8 | 103.8 | 3.2 | 349. |
| 12.2 | 42.0 | 3757.9 | 650.0 | -0.7 | -0.7 | 256.1 | 5.6 | 5.5 | 1.4 | 308.2 | 324.4 | 5.6 | 101.6 | 3.2 | 355. |
| 13.3 | 44.9 | 4071.3 | 625.0 | -2.1 | -2.1 | 263.6 | 4.6 | 4.6 | 0.5 | 310.0 | 325.4 | 5.3 | 101.3 | 3.3 | 1. |
| 14.4 | 47.8 | 4395.2 | 600.0 | -4.0 | -4.0 | 260.5 | 3.5 | 3.5 | 0.6 | 311.5 | 325.5 | 4.8 | 101.1 | 3.3 | 6. |
| 15.5 | 50.7 | 4710.4 | 575.0 | -6.3 | -6.3 | 252.4 | 2.9 | 2.8 | 0.9 | 312.7 | 325.1 | 4.2 | 103.0 | 3.4 | 9. |
| 16.7 | 53.4 | 5077.3 | 550.0 | -9.5 | -8.8 | 261.4 | 3.1 | 3.1 | 0.5 | 314.0 | 324.9 | 3.6 | 97.9 | 3.5 | 12. |
| 17.3 | 56.8 | 5437.2 | 525.0 | -10.7 | -10.8 | 267.5 | 3.1 | 3.1 | 0.1 | 315.6 | 325.5 | 3.2 | 99.0 | 3.6 | 16. |
| 19.1 | 60.0 | 5811.1 | 500.0 | -13.8 | -14.7 | 276.2 | 3.7 | 3.7 | -0.4 | 316.2 | 323.8 | 2.4 | 92.9 | 3.6 | 19. |
| 20.3 | 63.1 | 6199.8 | 475.0 | -16.2 | -19.3 | 278.7 | 5.6 | 5.6 | -0.9 | 317.9 | 324.0 | 1.9 | 83.7 | 3.7 | 24. |
| 21.4 | 66.6 | 6604.8 | 450.0 | -18.8 | -22.8 | 281.1 | 6.1 | 6.0 | -1.2 | 319.6 | 324.0 | 1.3 | 70.4 | 3.8 | 31. |
| 23.1 | 70.0 | 7028.3 | 425.0 | -21.9 | -25.1 | 283.6 | 8.1 | 7.8 | -1.9 | 321.0 | 324.8 | 1.2 | 75.1 | 4.1 | 39. |
| 24.5 | 73.6 | 7472.3 | 400.0 | -25.1 | -33.3 | 283.8 | 10.8 | 10.5 | -2.6 | 322.4 | 324.4 | 0.6 | 46.8 | 4.5 | 49. |
| 26.0 | 77.2 | 7917.7 | 375.0 | -28.9 | -36.3 | 270.9 | 13.7 | 13.7 | -0.2 | 323.4 | 325.0 | 0.4 | 43.3 | 5.2 | 58. |
| 27.5 | 81.0 | 8427.7 | 350.0 | -32.3 | -39.0 | 257.0 | 15.5 | 15.1 | 3.5 | 325.3 | 326.7 | 0.4 | 55.4 | 6.6 | 63. |
| 29.3 | 85.0 | 8945.9 | 325.0 | -36.8 | -42.9 | 253.1 | 17.8 | 17.0 | 5.2 | 325.9 | 326.9 | 0.3 | 53.0 | 8.2 | 65. |
| 31.1 | 89.2 | 9498.2 | 300.0 | -41.5 | -49.9 | 267.4 | 19.2 | 19.2 | 0.9 | 326.8 | 999.9 | 99.9 | 999.9 | 10.2 | 68. |
| 33.1 | 93.6 | 10079.2 | 275.0 | -45.9 | -59.9 | 282.0 | 19.6 | 19.2 | -4.1 | 328.7 | 999.9 | 99.9 | 999.9 | 12.3 | 73. |
| 35.4 | 97.2 | 10707.3 | 250.0 | -50.3 | -69.9 | 290.6 | 22.4 | 21.0 | -7.9 | 331.3 | 999.9 | 99.9 | 999.9 | 14.7 | 79. |
| 37.9 | 103.2 | 11395.8 | 225.0 | -56.2 | -79.9 | 291.5 | 24.8 | 23.1 | -9.1 | 332.5 | 999.9 | 99.9 | 999.9 | 17.8 | 85. |
| 40.4 | 108.4 | 12127.8 | 200.0 | -59.8 | -89.9 | 289.7 | 27.9 | 26.3 | -9.4 | 338.1 | 999.9 | 99.9 | 999.9 | 21.8 | 90. |
| 43.0 | 114.3 | 12954.9 | 175.0 | -62.6 | -99.9 | 290.5 | 26.8 | 25.1 | -9.4 | 346.7 | 999.9 | 99.9 | 999.9 | 26.5 | 94. |
| 46.0 | 120.5 | 13914.3 | 150.0 | -61.2 | -99.9 | 284.0 | 21.7 | 21.0 | -5.2 | 364.7 | 999.9 | 99.9 | 999.9 | 31.5 | 96. |
| 50.9 | 127.5 | 15035.6 | 125.0 | -65.7 | -99.9 | 278.3 | 20.5 | 20.3 | -2.9 | 376.0 | 999.9 | 99.9 | 999.9 | 35.9 | 97. |
| 55.5 | 135.3 | 16389.7 | 100.0 | -65.9 | -99.9 | 286.5 | 20.1 | 19.3 | -5.7 | 400.5 | 999.9 | 99.9 | 999.9 | 42.3 | 98. |
| 61.5 | 144.3 | 18117.7 | 75.0 | -67.3 | -99.9 | 289.2 | 15.5 | 14.6 | -5.1 | 431.9 | 999.9 | 99.9 | 999.9 | 47.8 | 99. |
| 69.6 | 154.0 | 20578.4 | 50.0 | -63.2 | -99.9 | 305.3 | 9.2 | 7.5 | -5.3 | 494.7 | 999.9 | 99.9 | 999.9 | 52.9 | 101. |
| 82.1 | 164.0 | 25337.5 | 25.0 | -46.5 | -99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 651.0 | 999.9 | 99.9 | 999.9 | 56.9 | 103. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 235
JACKSON, MISSISSIPPI

19 APRIL 1979

152 14. 9

| TIME MIN | CNTCT | WEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DEG K | E POT T DEG K | MR RTO CM/KG | RM PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|-----------------|-----------|-------------|-----------|
| 0.3 | 5.0 | 91.0 | 1011.3 | 21.7 | 16.2 | 90.0 | 0.0 | 0.0 | 0.0 | 293.9 | 324.0 | 11.6 | 71.0 | 0.0 | 0. |
| 0.3 | 5.0 | 100.6 | 1000.0 | 21.0 | 14.8 | 153.7 | 2.1 | -0.9 | 1.9 | 296.1 | 322.0 | 10.6 | 67.7 | 0.0 | 202. |
| 1.7 | 7.9 | 407.9 | 975.0 | 20.8 | 10.6 | 131.9 | 1.6 | -1.1 | 1.1 | 296.1 | 318.3 | 8.3 | 52.1 | 0.1 | 202. |
| 2.3 | 13.0 | 632.0 | 950.0 | 19.1 | 9.9 | 103.8 | 2.2 | -2.1 | 0.5 | 296.6 | 318.3 | 6.1 | 55.2 | 0.2 | 209. |
| 3.4 | 12.2 | 860.6 | 925.0 | 17.1 | 9.2 | 130.1 | 2.8 | -2.2 | 1.8 | 296.6 | 316.1 | 6.0 | 50.9 | 0.3 | 204. |
| 3.4 | 14.3 | 1094.3 | 900.0 | 15.7 | 9.9 | 151.0 | 4.7 | -2.3 | 4.1 | 297.7 | 320.7 | 8.6 | 68.7 | 0.4 | 206. |
| 4.4 | 16.5 | 1313.1 | 875.0 | 13.0 | 9.8 | 158.7 | 6.2 | -2.3 | 5.0 | 298.1 | 321.6 | 8.7 | 70.6 | 0.7 | 318. |
| 5.2 | 19.6 | 1577.0 | 850.0 | 11.6 | 8.2 | 163.0 | 6.0 | -1.7 | 5.7 | 298.3 | 320.2 | 8.1 | 70.7 | 0.9 | 320. |
| 6.1 | 20.9 | 1926.4 | 825.0 | 10.1 | 4.2 | 166.3 | 5.4 | -1.1 | 5.3 | 299.3 | 316.6 | 6.3 | 66.4 | 1.2 | 330. |
| 6.4 | 23.2 | 2081.8 | 800.0 | 8.3 | 3.2 | 173.9 | 4.5 | -0.5 | 4.5 | 300.0 | 316.7 | 6.0 | 70.3 | 1.4 | 333. |
| 7.4 | 25.3 | 2343.5 | 775.0 | 6.1 | -0.4 | 180.6 | 4.6 | 0.1 | 4.6 | 300.4 | 314.0 | 4.8 | 63.0 | 1.6 | 336. |
| 8.4 | 27.9 | 2611.3 | 750.0 | 3.9 | -2.9 | 191.5 | 5.1 | 0.6 | 5.0 | 300.6 | 312.5 | 4.1 | 61.0 | 1.9 | 339. |
| 9.1 | 30.2 | 2945.9 | 725.0 | 1.7 | -4.6 | 191.5 | 5.7 | 1.1 | 5.5 | 301.3 | 312.1 | 3.8 | 63.2 | 2.1 | 343. |
| 10.1 | 32.4 | 3168.8 | 700.0 | -0.4 | -5.1 | 199.5 | 6.6 | 2.2 | 6.2 | 302.1 | 312.9 | 3.8 | 70.5 | 2.4 | 347. |
| 11.2 | 35.1 | 3457.9 | 675.0 | -2.1 | -5.8 | 215.7 | 6.0 | 4.7 | 6.5 | 303.3 | 314.1 | 3.7 | 76.4 | 2.7 | 353. |
| 12.2 | 37.5 | 3760.2 | 650.0 | -0.6 | -6.6 | 232.0 | 7.9 | 6.2 | 4.9 | 308.2 | 324.5 | 5.6 | 102.9 | 3.1 | 0. |
| 13.2 | 40.1 | 4073.6 | 625.0 | -1.8 | -2.0 | 238.1 | 6.8 | 5.8 | 3.6 | 310.4 | 325.8 | 5.3 | 98.5 | 3.3 | 7. |
| 14.4 | 42.7 | 4377.5 | 600.0 | -4.2 | -4.3 | 237.9 | 6.0 | 5.1 | 3.2 | 311.2 | 324.9 | 4.6 | 93.7 | 3.6 | 12. |
| 15.5 | 45.3 | 4733.0 | 575.0 | -5.4 | -9.5 | 235.5 | 4.7 | 3.8 | 2.6 | 313.6 | 323.5 | 3.2 | 73.0 | 3.9 | 16. |
| 16.7 | 49.0 | 5090.1 | 550.0 | -9.5 | -12.4 | 227.7 | 4.1 | 3.0 | 2.8 | 314.6 | 322.3 | 2.7 | 91.5 | 4.1 | 13. |
| 17.9 | 50.8 | 5439.3 | 525.0 | -11.6 | -12.7 | 237.1 | 4.9 | 4.1 | 2.6 | 314.5 | 322.9 | 2.7 | 76.9 | 4.4 | 21. |
| 19.1 | 53.5 | 5812.7 | 500.0 | -13.2 | -16.4 | 255.0 | 5.2 | 5.2 | 0.5 | 317.0 | 323.7 | 2.1 | 76.9 | 4.7 | 20. |
| 20.4 | 56.5 | 6201.6 | 475.0 | -16.1 | -20.9 | 291.7 | 5.0 | 4.7 | -1.9 | 318.1 | 323.0 | 1.5 | 66.5 | 4.8 | 29. |
| 21.5 | 59.5 | 6506.6 | 450.0 | -19.1 | -21.7 | 297.0 | 4.7 | 4.2 | -2.1 | 319.2 | 324.1 | 1.5 | 79.8 | 4.8 | 34. |
| 23.3 | 62.5 | 7029.9 | 425.0 | -21.9 | -28.2 | 297.4 | 5.6 | 5.0 | -2.6 | 320.9 | 323.8 | 0.9 | 56.7 | 4.9 | 39. |
| 24.7 | 65.9 | 7472.5 | 400.0 | -26.1 | -30.5 | 288.8 | 7.4 | 7.1 | -2.4 | 321.1 | 323.7 | 0.7 | 65.9 | 5.0 | 45. |
| 26.3 | 69.3 | 7936.6 | 375.0 | -29.1 | -38.5 | 278.7 | 8.2 | 6.1 | -1.2 | 323.1 | 324.4 | 0.4 | 39.6 | 5.5 | 51. |
| 27.9 | 72.4 | 8425.4 | 350.0 | -33.8 | -42.7 | 283.5 | 10.3 | 10.0 | -2.4 | 323.1 | 324.1 | 0.2 | 33.9 | 6.1 | 57. |
| 29.5 | 75.9 | 8942.6 | 325.0 | -35.1 | -53.3 | 280.1 | 15.9 | 15.1 | -5.0 | 327.0 | 327.3 | 0.1 | 14.8 | 7.0 | 65. |
| 31.4 | 79.7 | 9493.7 | 300.0 | -40.0 | -59.9 | 297.3 | 20.6 | 16.4 | -9.5 | 329.0 | 329.9 | 99.9 | 99.9 | 8.5 | 76. |
| 33.3 | 83.5 | 10092.6 | 275.0 | -44.4 | -61.7 | 297.6 | 23.5 | 20.9 | -10.9 | 330.9 | 330.9 | 99.9 | 99.9 | 10.5 | 85. |
| 35.2 | 87.7 | 10713.7 | 250.0 | -50.0 | -61.7 | 295.3 | 26.4 | 25.1 | -10.4 | 331.8 | 331.8 | 99.9 | 99.9 | 12.0 | 91. |
| 37.4 | 91.8 | 11374.0 | 225.0 | -54.9 | -61.7 | 296.1 | 28.0 | 25.1 | -12.3 | 334.7 | 334.7 | 99.9 | 99.9 | 16.1 | 96. |
| 39.4 | 96.6 | 12140.5 | 200.0 | -59.4 | -61.7 | 291.0 | 30.0 | 25.0 | -10.8 | 338.7 | 338.7 | 99.9 | 99.9 | 20.3 | 100. |
| 42.7 | 101.6 | 12969.5 | 175.0 | -61.7 | -61.7 | 291.9 | 27.2 | 25.2 | -10.1 | 348.1 | 348.1 | 99.9 | 99.9 | 25.1 | 102. |
| 45.9 | 107.3 | 13928.6 | 150.0 | -59.6 | -61.7 | 291.2 | 22.2 | 21.0 | -7.3 | 367.4 | 367.4 | 99.9 | 99.9 | 30.0 | 104. |
| 49.4 | 113.3 | 15057.6 | 125.0 | -64.6 | -61.7 | 271.4 | 17.6 | 17.6 | -0.4 | 376.0 | 376.0 | 99.9 | 99.9 | 35.7 | 104. |
| 53.7 | 120.7 | 16492.6 | 100.0 | -68.3 | -61.7 | 284.3 | 23.5 | 22.8 | -5.8 | 395.7 | 395.7 | 99.9 | 99.9 | 39.3 | 102. |
| 59.3 | 128.3 | 18145.0 | 75.0 | -67.7 | -61.7 | 280.3 | 13.2 | 12.4 | -4.6 | 431.0 | 431.0 | 99.9 | 99.9 | 45.5 | 103. |
| 59.8 | 136.5 | 20413.4 | 50.0 | -67.2 | -61.7 | 315.2 | 7.5 | 5.3 | -5.3 | 508.7 | 508.7 | 99.9 | 99.9 | 48.9 | 105. |
| 59.9 | 150.5 | 25120.9 | 25.0 | -66.2 | -61.7 | 250.7 | 5.6 | 5.3 | 1.9 | 651.9 | 651.9 | 99.9 | 99.9 | 51.7 | 106. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 235
JACKSON, MISSISSIPPI

19 APRIL 1979
1705 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DEG K | E POT T DEG K | MR RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|---------------|-----------------|-----------|----------------|-----------------|-----------------|----------------|------------------|-----------------|-----------|-------------|----------|
| 0.0 | 5.1 | 91.0 | 1011.2 | 23.5 | 16.1 | 50.0 | 2.6 | -2.0 | -1.7 | 295.7 | 325.6 | 11.4 | 63.0 | 0.0 | 0. |
| 0.3 | 6.0 | 189.3 | 1000.0 | 22.8 | 14.7 | 71.2 | 1.1 | -1.1 | -0.4 | 295.9 | 323.9 | 10.6 | 63.5 | 0.1 | 225. |
| 1.1 | 9.1 | 438.0 | 975.0 | 20.2 | 12.7 | 108.3 | 1.6 | -1.5 | 0.5 | 295.5 | 320.7 | 9.5 | 62.0 | 0.1 | 236. |
| 2.0 | 10.3 | 631.7 | 950.0 | 18.5 | 11.1 | 130.0 | 3.6 | -2.8 | 2.3 | 295.9 | 319.3 | 8.8 | 62.1 | 0.2 | 269. |
| 2.4 | 12.4 | 950.4 | 925.0 | 17.5 | 9.5 | 148.2 | 4.3 | -2.3 | 3.7 | 297.2 | 319.0 | 8.1 | 59.6 | 0.4 | 294. |
| 3.7 | 14.6 | 1074.0 | 900.0 | 15.6 | 8.5 | 168.0 | 4.0 | -0.8 | 3.9 | 297.6 | 318.6 | 7.8 | 62.7 | 0.6 | 339. |
| 4.4 | 16.9 | 1332.7 | 875.0 | 14.1 | 7.6 | 172.1 | 4.5 | -0.6 | 4.5 | 299.5 | 318.9 | 7.5 | 64.5 | 0.7 | 320. |
| 5.2 | 19.1 | 1576.7 | 850.0 | 11.8 | 6.6 | 166.4 | 5.4 | -1.3 | 5.2 | 298.5 | 318.2 | 7.2 | 70.3 | 0.9 | 328. |
| 6.0 | 21.4 | 1826.4 | 825.0 | 10.4 | 1.9 | 171.7 | 5.7 | -0.8 | 5.7 | 299.6 | 314.5 | 5.3 | 55.5 | 1.2 | 331. |
| 6.3 | 23.4 | 2091.8 | 800.0 | 8.2 | -0.2 | 180.6 | 6.6 | 0.1 | 6.6 | 299.9 | 313.2 | 4.7 | 55.3 | 1.5 | 337. |
| 7.3 | 26.0 | 2343.2 | 775.0 | 6.7 | -4.3 | 182.8 | 6.8 | 0.3 | 6.8 | 301.0 | 311.3 | 3.6 | 45.3 | 1.8 | 342. |
| 8.5 | 28.4 | 2611.5 | 750.0 | 4.4 | -5.8 | 188.1 | 7.0 | 1.0 | 6.9 | 301.3 | 310.9 | 3.3 | 47.4 | 2.1 | 346. |
| 9.5 | 30.7 | 2816.6 | 725.0 | 2.6 | -5.3 | 208.3 | 6.4 | 3.0 | 5.6 | 302.3 | 312.5 | 3.6 | 55.0 | 2.5 | 350. |
| 10.5 | 33.2 | 3169.9 | 700.0 | 0.7 | 0.4 | 236.4 | 6.4 | 5.3 | 3.5 | 303.2 | 319.1 | 5.6 | 97.8 | 2.7 | 356. |
| 11.4 | 35.7 | 3462.2 | 675.0 | 0.1 | 0.1 | 244.4 | 7.5 | 6.8 | 4.8 | 305.7 | 322.0 | 5.7 | 103.0 | 2.8 | 3. |
| 12.3 | 38.2 | 3764.8 | 650.0 | -1.0 | -1.1 | 238.8 | 8.3 | 6.8 | 4.8 | 307.8 | 323.5 | 5.5 | 99.5 | 3.1 | 10. |
| 13.1 | 40.7 | 4077.4 | 625.0 | -2.8 | -2.9 | 228.3 | 8.1 | 6.1 | 5.4 | 309.3 | 323.8 | 5.0 | 99.2 | 3.5 | 15. |
| 14.1 | 43.3 | 4400.7 | 600.0 | -4.4 | -4.5 | 226.8 | 7.5 | 5.5 | 5.1 | 311.1 | 324.5 | 4.6 | 99.0 | 3.9 | 19. |
| 15.4 | 45.0 | 4735.3 | 575.0 | -6.3 | -6.7 | 231.1 | 7.0 | 5.5 | 4.4 | 312.6 | 324.6 | 4.0 | 95.8 | 4.3 | 22. |
| 16.5 | 48.8 | 5082.4 | 550.0 | -9.6 | -9.8 | 235.0 | 7.8 | 6.4 | 4.5 | 313.8 | 323.9 | 3.3 | 91.0 | 4.8 | 25. |
| 17.7 | 51.6 | 5442.1 | 525.0 | -10.8 | -12.0 | 240.1 | 8.3 | 7.2 | 4.1 | 315.4 | 324.3 | 2.9 | 90.7 | 5.2 | 28. |
| 18.7 | 54.4 | 5816.0 | 500.0 | -13.2 | -14.5 | 241.4 | 8.4 | 7.4 | 4.0 | 317.0 | 324.8 | 2.5 | 89.6 | 5.7 | 32. |
| 20.0 | 57.4 | 6235.5 | 475.0 | -15.3 | -16.7 | 244.5 | 8.0 | 7.3 | 3.5 | 319.0 | 325.9 | 2.2 | 89.8 | 6.3 | 34. |
| 21.1 | 60.4 | 6612.3 | 450.0 | -18.0 | -19.7 | 249.8 | 7.3 | 6.8 | 2.5 | 320.6 | 326.3 | 1.8 | 85.1 | 6.7 | 37. |
| 22.1 | 63.5 | 7037.4 | 425.0 | -21.2 | -23.1 | 251.3 | 7.3 | 6.9 | 2.3 | 321.8 | 326.4 | 1.4 | 84.8 | 7.1 | 39. |
| 23.4 | 66.6 | 7462.2 | 400.0 | -24.5 | -26.2 | 263.9 | 7.7 | 7.6 | 0.6 | 323.2 | 326.9 | 1.1 | 85.1 | 7.5 | 41. |
| 24.7 | 70.0 | 7948.4 | 375.0 | -29.9 | -33.3 | 283.0 | 10.5 | 10.2 | -2.4 | 323.4 | 325.7 | 0.7 | 71.7 | 7.9 | 46. |
| 26.4 | 73.4 | 8439.0 | 350.0 | -32.5 | -39.2 | 292.7 | 15.7 | 14.5 | -6.1 | 325.0 | 325.4 | 0.1 | 17.6 | 8.5 | 53. |
| 28.0 | 76.9 | 9358.2 | 325.0 | -35.6 | -44.0 | 295.2 | 20.9 | 18.9 | -8.9 | 327.6 | 327.8 | 0.1 | 13.1 | 9.5 | 62. |
| 29.4 | 80.7 | 9510.2 | 300.0 | -40.0 | -49.9 | 298.7 | 23.5 | 21.0 | -10.6 | 328.9 | 329.9 | 99.9 | 999.9 | 11.1 | 72. |
| 31.4 | 84.5 | 10097.8 | 275.0 | -45.1 | -55.1 | 295.7 | 24.3 | 21.9 | -10.5 | 329.9 | 329.9 | 99.9 | 999.9 | 12.9 | 80. |
| 33.1 | 88.7 | 10727.8 | 250.0 | -50.1 | -59.9 | 297.3 | 25.5 | 22.7 | -11.7 | 331.6 | 329.9 | 99.9 | 999.9 | 14.9 | 85. |
| 34.7 | 93.0 | 11406.9 | 225.0 | -55.9 | -64.6 | 297.2 | 25.3 | 22.5 | -11.6 | 332.8 | 329.9 | 99.9 | 999.9 | 17.1 | 90. |
| 36.5 | 97.5 | 12149.0 | 200.0 | -60.3 | -69.9 | 298.2 | 24.8 | 23.2 | -8.6 | 337.3 | 329.9 | 99.9 | 999.9 | 19.5 | 93. |
| 38.5 | 102.6 | 12769.5 | 175.0 | -63.2 | -73.9 | 286.7 | 23.9 | 22.9 | -6.9 | 345.6 | 329.9 | 99.9 | 999.9 | 22.4 | 95. |
| 40.0 | 108.0 | 13248.2 | 150.0 | -61.9 | -69.9 | 281.9 | 24.2 | 23.7 | -5.0 | 363.5 | 329.9 | 99.9 | 999.9 | 25.8 | 96. |
| 43.5 | 114.3 | 15048.6 | 125.0 | -64.6 | -69.9 | 281.0 | 24.0 | 23.6 | -4.6 | 378.0 | 329.9 | 99.9 | 999.9 | 29.5 | 97. |
| 46.7 | 121.0 | 16400.6 | 100.0 | -66.8 | -69.9 | 284.2 | 22.2 | 21.5 | -5.5 | 398.7 | 329.9 | 99.9 | 999.9 | 33.4 | 97. |
| 49.3 | 129.7 | 18122.7 | 75.0 | -66.6 | -69.9 | 292.3 | 15.7 | 14.5 | -6.0 | 433.3 | 329.9 | 99.9 | 999.9 | 37.7 | 98. |
| 54.1 | 137.0 | 20600.6 | 50.0 | -68.4 | -69.9 | 301.3 | 5.3 | 4.6 | -2.8 | 505.9 | 329.9 | 99.9 | 999.9 | 40.0 | 100. |
| 65.0 | 151.0 | 25000.9 | 25.0 | -43.1 | -49.9 | 999.9 | 99.9 | 99.9 | 99.9 | 640.8 | 329.9 | 99.9 | 999.9 | 999.9 | 999.9. |

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 235
JACKSON, MISSISSIPPI19 APRIL 1979
2005 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | W COMP M/SEC | POT T DG K | E POT T DG K | WX RTO GM/KG | RM PCY | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0-0 | 5-0 | 91-0 | 1010-0 | 23-4 | 15-7 | 20-0 | 2-6 | -0-9 | 295-7 | 325-2 | 11-2 | 62-0 | 0-0 | 0-0 |
| 0-2 | 5-0 | 177-9 | 1000-0 | 22-5 | 15-2 | 57-1 | 4-0 | -2-4 | 295-6 | 324-5 | 11-0 | 63-6 | 0-1 | 235- |
| 1-0 | 8-0 | 397-9 | 975-0 | 21-0 | 14-3 | 90-3 | 4-1 | -4-1 | 296-3 | 324-2 | 10-6 | 65-7 | 0-3 | 225- |
| 1-9 | 10-2 | 622-3 | 950-0 | 19-1 | 12-6 | 129-0 | 4-4 | -3-6 | 296-6 | 322-4 | 9-7 | 65-6 | 0-4 | 250- |
| 2-6 | 12-4 | 851-3 | 925-0 | 17-3 | 10-1 | 156-5 | 5-6 | -2-2 | 297-0 | 319-7 | 8-4 | 62-4 | 0-5 | 270- |
| 3-4 | 14-7 | 1285-2 | 900-0 | 16-6 | 9-3 | 187-6 | 6-4 | -1-4 | 298-6 | 320-8 | 8-2 | 61-9 | 0-7 | 305- |
| 4-2 | 16-9 | 1324-6 | 875-0 | 14-5 | 8-4 | 188-6 | 6-3 | -1-2 | 298-9 | 320-4 | 7-9 | 66-4 | 0-9 | 317- |
| 5-1 | 19-3 | 1569-1 | 850-0 | 12-7 | 6-3 | 183-8 | 5-8 | -1-6 | 299-5 | 318-8 | 7-1 | 68-8 | 1-2 | 325- |
| 6-0 | 21-6 | 1819-3 | 825-0 | 10-7 | 3-2 | 170-1 | 5-2 | -1-1 | 299-9 | 316-2 | 5-9 | 69-8 | 1-6 | 328- |
| 7-0 | 24-0 | 2275-0 | 800-0 | 8-9 | 0-2 | 182-8 | 6-6 | 0-3 | 300-7 | 314-4 | 4-9 | 54-3 | 1-9 | 330- |
| 7-9 | 26-3 | 2317-4 | 775-0 | 6-9 | -0-6 | 183-3 | 6-3 | 0-4 | 301-3 | 314-6 | 4-7 | 54-5 | 2-2 | 339- |
| 8-8 | 28-7 | 2806-0 | 750-0 | 5-1 | -4-0 | 185-4 | 5-9 | 0-5 | 302-2 | 312-4 | 3-5 | 60-1 | 2-5 | 342- |
| 9-9 | 31-2 | 2952-0 | 725-0 | 3-3 | -11-0 | 194-0 | 5-9 | 1-4 | 303-1 | 306-9 | 2-3 | 75-9 | 3-1 | 349- |
| 10-9 | 33-7 | 3165-8 | 700-0 | 1-8 | -2-4 | 222-8 | 6-2 | 4-2 | 304-5 | 316-0 | 4-7 | 75-9 | 3-1 | 349- |
| 11-9 | 36-2 | 3459-6 | 675-0 | 1-7 | 1-6 | 235-8 | 6-7 | 5-8 | 307-5 | 325-7 | 6-4 | 89-6 | 3-3 | 355- |
| 13-0 | 38-9 | 3763-2 | 650-0 | -0-7 | -1-5 | 237-2 | 7-2 | 6-1 | 308-2 | 323-5 | 5-3 | 94-5 | 3-6 | 2- |
| 14-2 | 41-4 | 4076-4 | 625-0 | -2-4 | -2-5 | 246-1 | 6-9 | 6-3 | 309-7 | 324-5 | 5-1 | 95-6 | 3-9 | 6- |
| 15-4 | 44-1 | 4420-1 | 600-0 | -3-9 | -4-3 | 258-1 | 6-7 | 6-5 | 311-6 | 325-3 | 4-6 | 97-3 | 4-1 | 15- |
| 16-6 | 46-8 | 4735-7 | 575-0 | -5-8 | -6-3 | 265-5 | 7-3 | 7-3 | 313-2 | 325-6 | 4-2 | 98-6 | 4-3 | 21- |
| 17-9 | 49-6 | 5083-1 | 550-0 | -8-0 | -9-6 | 283-3 | 8-5 | 8-5 | 314-6 | 324-8 | 3-4 | 85-5 | 4-9 | 27- |
| 19-2 | 52-4 | 5463-4 | 525-0 | -10-7 | -11-5 | 261-9 | 9-1 | 9-0 | 315-5 | 324-9 | 3-0 | 94-2 | 5-3 | 34- |
| 20-5 | 55-3 | 5917-3 | 500-0 | -13-1 | -15-9 | 264-1 | 8-7 | 8-7 | 317-0 | 324-0 | 2-2 | 79-9 | 5-6 | 40- |
| 22-0 | 59-3 | 6206-5 | 475-0 | -15-7 | -18-3 | 265-8 | 7-3 | 7-3 | 318-6 | 324-7 | 1-9 | 80-9 | 6-0 | 44- |
| 23-6 | 61-4 | 6412-8 | 450-0 | -18-2 | -27-3 | 270-0 | 6-1 | 6-1 | 320-4 | 323-4 | 0-9 | 44-6 | 6-6 | 49- |
| 25-1 | 64-5 | 737-0 | 425-0 | -21-6 | -32-7 | 272-5 | 10-1 | 10-1 | 321-3 | 323-3 | 0-6 | 35-7 | 7-2 | 53- |
| 26-8 | 67-8 | 7481-1 | 400-0 | -24-8 | -45-2 | 276-1 | 11-4 | 11-2 | 322-8 | 323-4 | 0-2 | 15-9 | 8-1 | 58- |
| 28-5 | 71-1 | 7947-2 | 375-0 | -28-1 | -46-3 | 280-0 | 12-5 | 11-8 | 324-4 | 325-0 | 0-2 | 15-6 | 8-9 | 63- |
| 30-2 | 74-6 | 8439-7 | 350-0 | -30-9 | -51-7 | 299-5 | 10-9 | 10-9 | 327-1 | 327-5 | 0-1 | 10-7 | 10-0 | 71- |
| 32-2 | 78-1 | 9361-1 | 325-0 | -34-7 | -53-8 | 298-6 | 19-9 | 17-5 | 328-8 | 329-1 | 0-1 | 12-4 | 11-4 | 79- |
| 34-1 | 81-9 | 9514-6 | 300-0 | -39-4 | -49-3 | 294-2 | 23-8 | 21-7 | 329-6 | 330-3 | 0-1 | 33-9 | 13-6 | 85- |
| 36-5 | 85-9 | 10103-4 | 275-0 | -44-5 | -59-9 | 292-5 | 22-6 | 20-9 | 330-7 | 330-9 | 99-9 | 99-9 | 16-7 | 91- |
| 38-8 | 90-0 | 10713-9 | 250-0 | -49-8 | 99-9 | 288-8 | 23-4 | 22-2 | 332-1 | 332-1 | 99-9 | 99-9 | 19-6 | 94- |
| 41-2 | 94-3 | 11415-1 | 225-0 | -55-0 | 99-9 | 288-3 | 24-0 | 22-7 | 334-2 | 334-2 | 99-9 | 99-9 | 23-1 | 96- |
| 43-9 | 99-2 | 12155-3 | 200-0 | -61-3 | 99-9 | 284-0 | 25-0 | 24-2 | 335-7 | 335-7 | 99-9 | 99-9 | 26-7 | 98- |
| 46-8 | 104-2 | 12976-6 | 175-0 | -62-7 | 99-9 | 284-6 | 28-0 | 27-1 | 344-5 | 344-5 | 99-9 | 99-9 | 31-4 | 99- |
| 50-3 | 109-6 | 13714-1 | 150-0 | -61-2 | 99-9 | 282-7 | 25-7 | 25-1 | 364-7 | 364-7 | 99-9 | 99-9 | 37-2 | 99- |
| 54-0 | 115-8 | 15055-1 | 125-0 | -64-8 | 99-9 | 282-6 | 25-2 | 24-6 | 377-6 | 377-6 | 99-9 | 99-9 | 42-5 | 100- |
| 58-6 | 122-7 | 16408-3 | 100-0 | -66-7 | 99-9 | 287-9 | 23-3 | 22-2 | 398-6 | 398-6 | 99-9 | 99-9 | 48-8 | 100- |
| 64-3 | 130-7 | 18136-3 | 75-0 | -67-2 | 99-9 | 297-1 | 16-0 | 14-2 | 432-2 | 432-2 | 99-9 | 99-9 | 56-7 | 102- |
| 72-1 | 140-3 | 20626-8 | 50-0 | -59-9 | 99-9 | 304-9 | 6-7 | 5-5 | 504-7 | 504-7 | 99-9 | 99-9 | 63-4 | 103- |
| 84-2 | 151-0 | 25137-3 | 25-0 | -44-4 | 99-9 | 999-9 | 99-9 | 99-9 | 654-9 | 654-9 | 99-9 | 99-9 | 63-8 | 103- |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 235
JACKSON, MISSISSIPPI

19 APRIL 1979
2305 GMT

| TIME MIN | CNCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POF T DG K | E POS T DG K | WX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.7 | 5.7 | 91.0 | 1008.6 | 23.3 | 17.3 | 70.0 | 3.1 | -2.9 | -1.1 | 295.7 | 328.3 | 12.4 | 69.0 | 0.3 | 0. |
| 0.2 | 5.7 | 165.9 | 1003.0 | 22.9 | 15.8 | 89.2 | 4.3 | -4.3 | -0.1 | 296.1 | 326.1 | 11.4 | 64.3 | 0.1 | 240. |
| 1.1 | 8.3 | 386.5 | 975.0 | 22.2 | 13.6 | 98.5 | 4.3 | -4.3 | 0.6 | 297.5 | 326.4 | 10.1 | 59.1 | 0.3 | 250. |
| 1.9 | 10.7 | 612.2 | 950.0 | 20.7 | 12.4 | 114.3 | 4.3 | -3.9 | 1.8 | 298.2 | 323.9 | 9.6 | 55.8 | 0.3 | 254. |
| 2.7 | 12.3 | 842.4 | 925.0 | 18.9 | 12.0 | 134.7 | 4.8 | -3.4 | 3.3 | 299.6 | 323.3 | 9.6 | 64.3 | 0.6 | 277. |
| 3.6 | 14.5 | 1077.3 | 900.0 | 16.8 | 11.8 | 153.8 | 5.7 | -2.5 | 5.1 | 298.8 | 325.0 | 9.8 | 72.6 | 0.9 | 291. |
| 4.5 | 16.8 | 1316.9 | 875.0 | 14.4 | 11.6 | 169.7 | 5.9 | -1.1 | 5.8 | 298.8 | 325.3 | 9.9 | 83.2 | 1.1 | 325. |
| 5.4 | 19.1 | 1551.5 | 850.0 | 12.3 | 10.5 | 174.8 | 6.9 | -0.6 | 6.8 | 299.0 | 324.4 | 9.4 | 83.8 | 1.3 | 316. |
| 6.4 | 21.6 | 1811.7 | 825.0 | 10.1 | 8.6 | 169.9 | 8.6 | -1.5 | 8.5 | 299.3 | 322.4 | 8.5 | 93.2 | 1.7 | 325. |
| 7.4 | 23.6 | 2067.4 | 800.0 | 8.7 | 2.5 | 175.0 | 10.1 | -0.9 | 10.1 | 300.4 | 316.5 | 5.8 | 95.2 | 2.2 | 331. |
| 8.4 | 26.0 | 2329.3 | 775.0 | 6.7 | -0.4 | 182.9 | 9.3 | 0.5 | 9.3 | 301.0 | 314.5 | 4.8 | 60.5 | 2.8 | 337. |
| 9.5 | 28.4 | 2588.0 | 750.0 | 5.1 | -0.3 | 185.1 | 8.8 | 0.8 | 8.7 | 302.1 | 309.5 | 2.5 | 34.5 | 3.3 | 382. |
| 10.5 | 30.9 | 2874.0 | 725.0 | 3.6 | -0.0 | 205.3 | 7.3 | 3.1 | 5.6 | 303.4 | 314.7 | 3.9 | 57.6 | 3.8 | 335. |
| 11.5 | 33.3 | 3158.7 | 700.0 | 2.1 | 1.7 | 232.7 | 6.5 | 5.2 | 3.9 | 304.8 | 322.3 | 6.2 | 97.6 | 4.0 | 350. |
| 12.7 | 35.8 | 3452.1 | 675.0 | 0.7 | 0.3 | 230.1 | 7.4 | 5.7 | 4.8 | 306.5 | 323.1 | 5.8 | 97.2 | 4.2 | 356. |
| 13.3 | 38.3 | 3755.3 | 650.0 | -0.4 | -1.1 | 241.2 | 6.5 | 5.7 | 3.1 | 308.6 | 324.3 | 5.4 | 94.6 | 4.5 | 1. |
| 15.1 | 40.9 | 4368.9 | 625.0 | -2.0 | -2.7 | 263.5 | 5.4 | 5.4 | 0.6 | 310.2 | 324.9 | 5.0 | 95.1 | 4.7 | 6. |
| 16.1 | 43.6 | 4902.8 | 600.0 | -3.9 | -4.2 | 255.7 | 5.2 | 5.1 | 1.3 | 311.6 | 325.4 | 4.7 | 97.6 | 4.8 | 10. |
| 17.5 | 46.2 | 4728.4 | 575.0 | -5.3 | -5.7 | 263.0 | 4.3 | 4.3 | 0.5 | 313.8 | 326.8 | 4.4 | 97.0 | 5.0 | 14. |
| 18.7 | 48.0 | 5075.6 | 550.0 | -8.5 | -9.3 | 291.2 | 4.4 | 4.1 | -1.6 | 314.0 | 324.4 | 3.4 | 94.2 | 5.0 | 18. |
| 20.2 | 51.8 | 5435.1 | 525.0 | -11.0 | -13.4 | 293.3 | 4.9 | 4.5 | -1.9 | 315.3 | 323.3 | 2.6 | 82.2 | 5.0 | 22. |
| 21.4 | 54.7 | 5808.4 | 500.0 | -13.6 | -16.5 | 300.4 | 5.1 | 4.4 | -2.6 | 316.5 | 322.2 | 1.8 | 65.5 | 5.0 | 26. |
| 22.3 | 57.6 | 6146.5 | 475.0 | -16.8 | -19.0 | 304.0 | 6.3 | 5.2 | -3.5 | 317.1 | 317.0 | 0.2 | 9.3 | 4.9 | 32. |
| 23.1 | 60.6 | 6600.3 | 450.0 | -19.6 | -22.3 | 300.2 | 7.3 | 6.3 | -3.7 | 318.6 | 319.3 | 0.2 | 11.3 | 4.9 | 38. |
| 25.5 | 63.6 | 7322.2 | 425.0 | -23.0 | -26.1 | 300.3 | 9.5 | 6.2 | -4.8 | 319.5 | 319.9 | 0.1 | 5.2 | 5.1 | 46. |
| 27.1 | 67.3 | 7643.8 | 400.0 | -25.9 | -28.5 | 302.0 | 10.7 | 9.1 | -5.7 | 321.4 | 321.4 | 0.0 | 1.0 | 5.4 | 55. |
| 28.1 | 70.3 | 7929.3 | 375.0 | -27.8 | -30.7 | 310.0 | 15.6 | 12.0 | -10.1 | 324.9 | 324.9 | 0.0 | 1.0 | 5.9 | 67. |
| 30.7 | 73.7 | 8422.3 | 350.0 | -30.7 | -34.6 | 308.0 | 22.3 | 17.5 | -13.7 | 327.4 | 327.4 | 0.0 | 1.0 | 7.2 | 83. |
| 32.1 | 77.3 | 8744.2 | 325.0 | -34.6 | -38.2 | 298.5 | 24.8 | 21.8 | -11.8 | 329.0 | 329.4 | 0.1 | 15.6 | 9.4 | 94. |
| 34.5 | 81.7 | 9498.0 | 300.0 | -37.2 | -40.9 | 294.9 | 26.0 | 23.6 | -11.0 | 330.1 | 330.2 | 0.0 | 2.6 | 12.3 | 99. |
| 36.1 | 84.8 | 10286.4 | 275.0 | -43.9 | 94.9 | 291.4 | 27.1 | 25.2 | -9.9 | 331.7 | 999.9 | 99.9 | 999.9 | 15.5 | 102. |
| 38.4 | 89.7 | 11720.2 | 250.0 | -43.5 | 94.9 | 288.4 | 29.7 | 28.2 | -9.4 | 332.6 | 999.9 | 99.9 | 999.9 | 19.1 | 104. |
| 41.2 | 93.2 | 11402.0 | 225.0 | -55.0 | 99.9 | 285.4 | 33.6 | 32.3 | -8.9 | 334.3 | 999.9 | 99.9 | 999.9 | 23.7 | 104. |
| 43.5 | 97.8 | 12144.7 | 200.0 | -63.9 | 99.9 | 281.7 | 33.6 | 32.9 | -6.8 | 336.3 | 999.9 | 99.9 | 999.9 | 28.7 | 104. |
| 46.2 | 103.2 | 12944.9 | 175.0 | -63.2 | 94.9 | 285.7 | 30.0 | 28.8 | -8.1 | 335.7 | 999.9 | 99.9 | 999.9 | 33.6 | 104. |
| 48.3 | 108.3 | 13914.0 | 150.0 | -61.9 | 90.9 | 286.2 | 24.6 | 28.4 | -8.3 | 333.4 | 999.9 | 99.9 | 999.9 | 39.0 | 104. |
| 52.9 | 114.3 | 15337.8 | 125.0 | -54.3 | 98.9 | 288.1 | 24.8 | 28.3 | -9.3 | 338.6 | 999.9 | 99.9 | 999.9 | 45.4 | 105. |
| 57.3 | 121.0 | 16394.1 | 100.0 | -66.9 | 99.9 | 295.9 | 23.4 | 21.1 | -10.2 | 339.4 | 999.9 | 99.9 | 999.9 | 52.6 | 105. |
| 62.5 | 127.0 | 18114.8 | 75.0 | -64.4 | 99.9 | 298.4 | 13.9 | 12.3 | -6.6 | 429.4 | 999.9 | 99.9 | 999.9 | 58.4 | 107. |
| 68.9 | 134.7 | 20597.5 | 50.0 | -61.9 | 90.9 | 333.9 | 7.5 | 3.3 | -8.8 | 437.8 | 999.9 | 99.9 | 999.9 | 61.8 | 108. |
| 81.2 | 150.3 | 25370.3 | 25.0 | -47.2 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 648.9 | 999.9 | 99.9 | 999.9 | 65.1 | 108. |

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

° BY SPEED MEANS ELEVATION ANGLE LESS THAN 5 DEG

STATION NO. 235
JACKSON, MISSISSIPPI20 APRIL 1979
205 GMT

| 132 92. 0 | | | | | | | | | | | | | | | |
|-----------|-------|---------|--------|-------|--------|-------|-------|--------|--------|-------|---------|--------|-------|-------|-------|
| TIME | CNTCT | HEIGHT | PRES | TEMP | DEW PT | DIR | SPEED | U COMP | V COMP | POT T | E POT T | MR WTO | RM | RANGE | AZ |
| MIN | | CM | MB | DEG C | DEG C | DEG | M/SEC | M/SEC | M/SEC | DEG K | DEG K | GM/KG | PCT | KM | DEG |
| 0.2 | 5.3 | 91.0 | 1008.5 | 20.6 | 14.0 | 100.0 | 3.1 | -3.1 | 0.5 | 293.0 | 319.3 | 10.1 | 66.0 | 0.0 | 0. |
| 0.7 | 6.0 | 164.4 | 1000.0 | 21.4 | 13.4 | 105.4 | 7.3 | -7.0 | 1.0 | 294.7 | 320.3 | 9.7 | 59.7 | 0.3 | 273. |
| 1.2 | 8.3 | 384.4 | 975.0 | 22.3 | 10.7 | 111.8 | 7.0 | -6.5 | 2.6 | 297.6 | 320.6 | 8.3 | 47.8 | 0.5 | 279. |
| 1.4 | 10.5 | 609.9 | 950.0 | 20.7 | 11.7 | 135.6 | 5.6 | -3.9 | 4.0 | 298.2 | 322.0 | 9.1 | 55.2 | 0.5 | 286. |
| 2.7 | 12.9 | 139.7 | 925.0 | 19.4 | 11.0 | 165.3 | 4.9 | -1.2 | 4.7 | 298.1 | 322.3 | 9.0 | 62.3 | 1.0 | 297. |
| 3.5 | 15.3 | 1374.2 | 900.0 | 16.5 | 10.1 | 180.5 | 6.5 | 0.1 | 6.5 | 298.5 | 321.9 | 8.7 | 65.7 | 1.1 | 309. |
| 4.3 | 17.6 | 1313.8 | 875.0 | 14.6 | 9.4 | 186.3 | 8.7 | 0.9 | 8.6 | 299.0 | 322.0 | 8.5 | 70.9 | 1.4 | 322. |
| 5.3 | 20.0 | 1558.2 | 850.0 | 12.3 | 9.1 | 181.5 | 9.3 | 0.2 | 9.3 | 299.1 | 322.2 | 8.4 | 80.5 | 1.6 | 336. |
| 6.1 | 22.5 | 1808.3 | 825.0 | 10.2 | 8.4 | 175.4 | 9.6 | -0.8 | 9.6 | 299.4 | 322.2 | 8.6 | 88.5 | 2.3 | 338. |
| 7.1 | 24.9 | 2063.9 | 800.0 | 6.9 | 6.2 | 180.9 | 9.3 | 0.1 | 9.3 | 299.7 | 320.2 | 7.5 | 88.7 | 2.8 | 342. |
| 8.2 | 27.5 | 2325.8 | 775.0 | 6.7 | -2.4 | 180.3 | 9.1 | 0.1 | 9.1 | 301.1 | 313.1 | 4.2 | 53.1 | 3.3 | 345. |
| 8.9 | 30.0 | 2594.9 | 750.0 | 6.5 | -5.8 | 190.9 | 7.4 | 1.4 | 7.2 | 303.6 | 313.3 | 3.3 | 61.1 | 3.6 | 347. |
| 9.2 | 32.4 | 2972.6 | 725.0 | 4.9 | 1.2 | 228.7 | 4.8 | 3.6 | 3.2 | 304.8 | 321.2 | 5.8 | 77.3 | 4.0 | 353. |
| 10.5 | 35.2 | 3158.1 | 700.0 | 2.8 | 0.9 | 255.2 | 4.4 | 4.3 | 1.1 | 305.6 | 322.2 | 5.9 | 87.3 | 4.1 | 353. |
| 11.8 | 37.9 | 3451.7 | 675.0 | 0.5 | 0.4 | 273.4 | 3.3 | 3.3 | -0.2 | 306.2 | 322.9 | 5.5 | 90.5 | 4.1 | 357. |
| 12.6 | 40.7 | 3754.3 | 650.0 | -1.4 | -1.4 | 284.6 | 2.8 | 2.7 | -0.7 | 307.4 | 322.7 | 5.3 | 93.6 | 4.0 | 359. |
| 13.9 | 43.4 | 4066.4 | 625.0 | -2.8 | -3.6 | 260.7 | 2.6 | 2.6 | 0.4 | 309.2 | 323.0 | 4.7 | 96.8 | 4.0 | 1. |
| 15.0 | 46.3 | 4385. | 600.0 | -5.0 | -6.5 | 241.1 | 1.8 | 1.6 | 0.9 | 310.4 | 322.0 | 3.9 | 89.3 | 4.1 | 3. |
| 16.2 | 49.3 | 4723.7 | 575.0 | -6.3 | -10.1 | 252.0 | 2.1 | 2.0 | 0.6 | 312.6 | 321.9 | 3.1 | 76.6 | 4.1 | 5. |
| 17.4 | 52.3 | 5370.6 | 550.0 | -8.1 | -17.2 | 278.4 | 2.2 | 2.1 | -0.3 | 314.5 | 320.2 | 1.8 | 48.1 | 4.2 | 7. |
| 18.7 | 55.3 | 5930.5 | 525.0 | -10.7 | -16.5 | 310.5 | 2.2 | 1.7 | -1.4 | 315.5 | 321.9 | 2.0 | 62.4 | 4.1 | 9. |
| 20.1 | 58.4 | 5924.3 | 500.0 | -13.1 | -21.3 | 326.9 | 2.3 | 1.3 | -1.9 | 317.1 | 321.6 | 1.4 | 50.8 | 4.0 | 11. |
| 21.4 | 61.6 | 6193.6 | 475.0 | -15.6 | -29.2 | 328.1 | 3.7 | 1.9 | -3.1 | 318.7 | 321.1 | 0.7 | 30.2 | 3.5 | 13. |
| 22.9 | 64.9 | 6599.0 | 450.0 | -19.8 | -41.9 | 312.6 | 7.0 | 5.2 | -4.7 | 319.6 | 320.4 | 0.2 | 10.9 | 3.6 | 19. |
| 24.4 | 69.3 | 7233.6 | 425.0 | -20.8 | -63.2 | 303.8 | 8.3 | 6.9 | -4.6 | 322.4 | 322.4 | 0.0 | 1.0 | 3.4 | 31. |
| 25.9 | 71.9 | 7468.6 | 400.0 | -24.3 | -64.6 | 307.0 | 9.1 | 7.2 | -5.5 | 323.4 | 323.4 | 0.0 | 1.2 | 3.5 | 43. |
| 27.6 | 75.4 | 7737.0 | 375.0 | -26.2 | -55.6 | 320.9 | 17.1 | 10.8 | -13.3 | 326.9 | 327.1 | 0.1 | 4.7 | 3.6 | 62. |
| 29.5 | 79.3 | 8431.9 | 350.0 | -30.4 | -52.2 | 319.6 | 22.1 | 14.3 | -16.6 | 327.7 | 328.1 | 0.1 | 9.9 | 4.7 | 93. |
| 31.3 | 83.2 | 8953.7 | 325.0 | -35.1 | -47.3 | 311.5 | 23.2 | 17.4 | -15.4 | 328.3 | 328.9 | 0.2 | 27.2 | 4.7 | 107. |
| 33.2 | 87.3 | 9507.0 | 300.0 | -39.2 | -43.7 | 297.8 | 25.7 | 22.7 | -12.0 | 330.1 | 331.0 | 0.3 | 41.9 | 9.3 | 113. |
| 35.0 | 91.7 | 10397.3 | 275.0 | -44.2 | 99.9 | 285.5 | 29.2 | 28.2 | -7.8 | 331.2 | 999.9 | 99.9 | 999.9 | 12.3 | 112. |
| 36.3 | 96.2 | 10727.6 | 250.0 | -50.4 | 99.9 | 276.4 | 30.2 | 30.1 | -3.4 | 331.2 | 999.9 | 99.9 | 999.9 | 15.5 | 110. |
| 37.2 | 101.2 | 11005.5 | 225.0 | -56.3 | 99.9 | 271.3 | 28.6 | 28.6 | -0.7 | 332.3 | 999.9 | 99.9 | 999.9 | 19.7 | 106. |
| 41.9 | 106.4 | 12143.2 | 200.0 | -61.7 | 99.9 | 274.4 | 29.7 | 29.7 | -2.3 | 335.0 | 999.9 | 99.9 | 999.9 | 24.0 | 103. |
| 44.6 | 112.3 | 12967.2 | 175.0 | -62.0 | 99.9 | 285.6 | 29.2 | 28.2 | -7.9 | 347.4 | 999.9 | 99.9 | 999.9 | 29.0 | 103. |
| 47.6 | 118.5 | 13916.2 | 150.0 | -63.5 | 99.9 | 289.5 | 25.9 | 23.7 | -8.7 | 360.7 | 999.9 | 99.9 | 999.9 | 33.7 | 104. |
| 51.3 | 125.5 | 15015.6 | 125.0 | -65.0 | 99.9 | 299.5 | 25.0 | 24.4 | -8.7 | 377.4 | 999.9 | 99.9 | 999.9 | 39.7 | 100. |
| 55.4 | 133.3 | 16384.0 | 100.0 | -70.3 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 4 DEG

STATION NO. 235
 JARDON, MISSISSIPPI

 20 APRIL 1979
 505 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DE C | DEW PT DE F | DIA DE | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX WTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.3 | 5.9 | 91.0 | 1008.4 | 17.0 | 71.4 | 12.0 | 1.5 | -0.7 | -1.3 | 290.3 | 319.8 | 11.5 | 90.0 | 0.0 | 0. |
| 0.2 | 6.6 | 162.1 | 1000.0 | 17.5 | 72.2 | 46.6 | 9.1 | -3.0 | 7.6 | 290.0 | 313.9 | 9.2 | 76.6 | 0.1 | 275. |
| 1.3 | 8.8 | 348.3 | 975.0 | 22.0 | 71.7 | 44.9 | 7.2 | -3.1 | 6.5 | 297.3 | 324.4 | 10.2 | 59.4 | 0.3 | 315. |
| 1.5 | 10.7 | 608.4 | 958.0 | 20.9 | 72.1 | 155.3 | 4.8 | -2.0 | 4.4 | 297.5 | 322.7 | 9.4 | 60.2 | 0.6 | 328. |
| 2.3 | 13.1 | 836.2 | 925.9 | 19.2 | 71.7 | 143.4 | 4.0 | -2.4 | 3.2 | 298.0 | 322.3 | 9.1 | 63.4 | 0.8 | 328. |
| 3.3 | 15.3 | 1070.7 | 900.0 | 16.4 | 71.1 | 155.2 | 4.7 | -2.0 | 4.3 | 298.4 | 321.7 | 8.7 | 65.3 | 0.9 | 327. |
| 4.1 | 17.5 | 1310.1 | 875.0 | 14.5 | 70.8 | 155.7 | 5.0 | -2.4 | 5.2 | 298.9 | 322.5 | 8.7 | 73.0 | 1.2 | 330. |
| 4.7 | 19.7 | 1554.9 | 852.0 | 13.1 | 70.1 | 155.2 | 6.7 | -2.8 | 6.1 | 299.8 | 321.7 | 8.0 | 71.8 | 1.5 | 330. |
| 5.1 | 22.0 | 1955.1 | 825.0 | 10.6 | 69.8 | 169.4 | 7.6 | -1.4 | 7.6 | 299.9 | 317.9 | 8.5 | 66.9 | 1.9 | 333. |
| 6.6 | 24.4 | 2361.2 | 800.0 | 7.9 | 68.6 | 176.8 | 4.5 | -0.5 | 8.5 | 300.6 | 314.6 | 5.0 | 55.9 | 2.2 | 337. |
| 7.1 | 26.7 | 2323.3 | 775.0 | 7.1 | 68.0 | 179.6 | 8.8 | -0.1 | 8.8 | 301.4 | 314.7 | 4.7 | 57.3 | 2.6 | 340. |
| 8.1 | 29.1 | 2532.3 | 750.0 | 5.6 | 66.3 | 182.6 | 8.5 | 0.4 | 8.5 | 302.7 | 314.2 | 4.0 | 52.5 | 3.1 | 343. |
| 9.4 | 31.5 | 2549.3 | 725.0 | 4.4 | 65.3 | 190.0 | 5.5 | 1.0 | 5.5 | 304.3 | 315.0 | 3.7 | 51.8 | 3.6 | 346. |
| 10.4 | 34.0 | 3154.5 | 700.0 | 2.6 | 63.9 | 197.5 | 2.0 | 0.6 | 1.9 | 305.4 | 322.5 | 6.0 | 91.0 | 3.7 | 348. |
| 11.4 | 36.5 | 3498.7 | 675.3 | 1.0 | 62.2 | 149.2 | 0.7 | -0.4 | 0.6 | 306.8 | 322.8 | 5.6 | 91.4 | 3.8 | 348. |
| 12.5 | 39.0 | 3751.4 | 650.0 | -1.4 | 60.9 | 140.5 | 1.2 | -0.8 | 1.0 | 307.4 | 322.2 | 5.1 | 96.2 | 3.8 | 347. |
| 13.5 | 41.6 | 4363.5 | 625.0 | -3.3 | 59.5 | 163.7 | 2.2 | -0.6 | 2.1 | 308.7 | 322.5 | 4.7 | 99.2 | 3.9 | 347. |
| 14.5 | 44.2 | 4347.2 | 600.0 | -3.1 | 57.8 | 188.9 | 2.4 | 0.4 | 2.3 | 312.6 | 323.3 | 3.5 | 69.6 | 4.1 | 347. |
| 15.1 | 47.0 | 4723.2 | 575.3 | -4.9 | 55.4 | 213.9 | 1.2 | 0.7 | 1.0 | 314.2 | 320.5 | 2.0 | 43.4 | 4.2 | 348. |
| 17.7 | 49.7 | 5071.4 | 550.0 | -7.4 | 53.0 | 220.6 | 1.0 | 0.7 | 0.8 | 315.4 | 323.7 | 1.7 | 42.1 | 4.2 | 349. |
| 19.1 | 52.4 | 5432.3 | 525.0 | -9.5 | 50.5 | 206.3 | 1.2 | 0.5 | 1.1 | 317.1 | 319.5 | 0.7 | 20.1 | 4.3 | 350. |
| 20.4 | 55.4 | 5977.6 | 500.0 | -11.8 | 48.5 | 264.5 | 1.3 | 1.3 | 0.1 | 318.6 | 319.9 | 0.4 | 11.4 | 4.4 | 350. |
| 20.4 | 53.4 | 6137.8 | 475.0 | -15.2 | 44.4 | 300.5 | 3.4 | 2.9 | -1.7 | 319.2 | 319.8 | 0.2 | 6.2 | 4.3 | 352. |
| 22.1 | 61.6 | 6433.7 | 450.3 | -18.4 | 42.7 | 294.4 | 6.2 | 5.6 | -2.5 | 320.2 | 320.5 | 0.1 | 8.4 | 4.0 | 357. |
| 23.6 | 64.6 | 7328.6 | 425.0 | -20.7 | 40.1 | 281.3 | 7.5 | 7.4 | -1.5 | 322.4 | 322.5 | 0.0 | 1.0 | 3.9 | 0. |
| 25.2 | 67.9 | 7973.9 | 400.0 | -24.6 | 37.6 | 294.7 | 9.6 | 8.7 | -4.0 | 324.3 | 324.4 | 0.0 | 1.0 | 3.8 | 18. |
| 26.9 | 71.3 | 7943.0 | 375.0 | -26.9 | 35.1 | 314.9 | 13.1 | 9.3 | -0.3 | 326.0 | 326.3 | 0.1 | 6.3 | 3.6 | 36. |
| 28.5 | 74.7 | 8436.4 | 350.0 | -31.2 | 32.6 | 310.9 | 15.7 | 11.9 | -10.3 | 326.7 | 328.2 | 0.4 | 52.6 | 3.6 | 41. |
| 30.2 | 78.3 | 8953.4 | 325.0 | -34.8 | 30.3 | 291.9 | 18.2 | 18.9 | -6.8 | 328.7 | 330.1 | 0.4 | 63.1 | 4.5 | 77. |
| 32.2 | 82.1 | 9511.4 | 300.0 | -39.8 | 27.9 | 282.9 | 19.1 | 18.6 | -4.3 | 329.3 | 999.9 | 99.9 | 999.9 | 6.6 | 87. |
| 34.1 | 86.0 | 10399.2 | 275.0 | -45.4 | 24.9 | 281.9 | 20.4 | 19.9 | -4.2 | 329.5 | 999.9 | 99.9 | 999.9 | 8.0 | 90. |
| 35.2 | 90.2 | 10726.6 | 250.0 | -51.6 | 21.6 | 280.2 | 22.3 | 21.9 | -3.9 | 329.4 | 999.9 | 99.9 | 999.9 | 11.4 | 93. |
| 36.4 | 94.7 | 11402.2 | 225.0 | -57.1 | 18.9 | 281.7 | 28.2 | 27.6 | -5.7 | 331.0 | 999.9 | 99.9 | 999.9 | 14.7 | 95. |
| 41.1 | 99.4 | 12139.0 | 200.0 | -61.8 | 16.0 | 280.5 | 33.7 | 33.1 | -6.1 | 334.9 | 999.9 | 99.9 | 999.9 | 19.4 | 96. |
| 43.5 | 104.6 | 12440.4 | 175.0 | -64.1 | 13.9 | 289.2 | 30.1 | 28.4 | -0.9 | 344.2 | 999.9 | 99.9 | 999.9 | 24.5 | 98. |
| 46.4 | 110.3 | 13008.8 | 150.0 | -62.3 | 11.9 | 290.7 | 24.0 | 22.5 | -0.5 | 362.8 | 999.9 | 90.9 | 999.9 | 28.6 | 100. |
| 48.0 | 116.3 | 15322.5 | 125.0 | -66.7 | 9.9 | 249.0 | 24.5 | 23.2 | -8.0 | 374.3 | 999.9 | 99.9 | 999.9 | 34.0 | 102. |
| 50.2 | 123.3 | 16345.3 | 100.0 | -70.4 | 9.9 | 294.0 | 20.7 | 18.9 | -8.4 | 391.7 | 999.9 | 99.9 | 999.9 | 39.3 | 103. |
| 50.9 | 131.7 | 18773.1 | 75.0 | -70.0 | 99.9 | 290.2 | 14.0 | 13.1 | -4.8 | 426.2 | 999.9 | 99.9 | 999.9 | 45.5 | 105. |
| 60.2 | 142.0 | 23549.9 | 50.0 | -59.3 | 99.9 | 315.3 | 6.8 | 4.8 | -4.8 | 503.9 | 999.9 | 99.9 | 999.9 | 49.1 | 106. |
| 81.7 | 155.0 | 25317.6 | 25.0 | -68.9 | 99.9 | 247.9 | 3.5 | 3.3 | 1.3 | 644.1 | 999.9 | 99.9 | 999.9 | 51.9 | 105. |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 235
JACKSON, MISSISSIPPI20 APRIL 1979
805 GMT

| TIME MIN | CNCT | WEIGHT GMS | PRES MB | TEMP DEG C | DEV RT DEG C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DEG K | E POT T DEG K | WIND CM/SEC | RM PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|----------------|-----------|-------------|-----------|
| 0.1 | 6.2 | 91.0 | 1007.1 | 18.9 | 14.0 | 150.0 | 1.5 | -0.8 | 1.3 | 291.5 | 317.5 | 10.0 | 73.0 | 0.0 | 0.0 |
| 0.2 | 6.9 | 152.3 | 1008.0 | 21.4 | 13.5 | 151.4 | 6.2 | -2.6 | 5.0 | 294.5 | 320.3 | 9.8 | 73.0 | 0.1 | 332. |
| 0.3 | 8.0 | 372.6 | 975.0 | 22.0 | 13.9 | 159.7 | 6.2 | -2.1 | 5.8 | 297.3 | 324.8 | 10.3 | 60.1 | 0.4 | 332. |
| 1.0 | 11.0 | 597.0 | 973.0 | 20.2 | 12.7 | 154.5 | 4.7 | -2.0 | 4.2 | 297.7 | 323.8 | 9.8 | 62.4 | 0.6 | 335. |
| 2.6 | 13.2 | 527.5 | 925.0 | 18.5 | 11.1 | 151.1 | 5.3 | -2.6 | 4.7 | 298.3 | 322.5 | 9.0 | 62.0 | 0.8 | 334. |
| 3.4 | 15.4 | 1362.2 | 900.0 | 16.7 | 11.0 | 153.9 | 6.3 | -2.8 | 5.6 | 298.8 | 323.5 | 9.2 | 68.7 | 1.1 | 334. |
| 4.1 | 17.5 | 1302.0 | 875.0 | 15.0 | 9.7 | 164.2 | 6.4 | -1.7 | 6.1 | 299.4 | 322.9 | 8.7 | 70.8 | 1.3 | 334. |
| 5.3 | 19.8 | 1547.0 | 850.0 | 13.0 | 6.8 | 177.4 | 7.7 | -0.3 | 7.7 | 299.7 | 319.8 | 7.3 | 66.1 | 1.7 | 338. |
| 5.9 | 22.1 | 1797.6 | 825.0 | 11.5 | 1.5 | 181.8 | 9.1 | 0.3 | 9.1 | 301.8 | 315.5 | 5.2 | 50.1 | 2.1 | 342. |
| 6.9 | 24.5 | 2054.4 | 800.0 | 9.0 | 0.2 | 188.0 | 9.0 | 1.3 | 9.0 | 301.8 | 315.5 | 4.9 | 50.7 | 2.6 | 347. |
| 7.7 | 26.8 | 2317.5 | 775.0 | 8.4 | -4.0 | 193.6 | 9.1 | 2.1 | 8.8 | 302.8 | 312.8 | 3.4 | 13.6 | 3.1 | 351. |
| 8.7 | 29.2 | 2587.5 | 750.0 | 6.5 | -3.4 | 196.9 | 9.2 | 2.4 | 7.8 | 303.7 | 315.2 | 4.0 | 49.1 | 3.5 | 354. |
| 9.5 | 31.4 | 2864.8 | 725.0 | 4.4 | -2.2 | 184.5 | 1.1 | 0.4 | 5.3 | 304.3 | 317.2 | 4.5 | 82.0 | 3.9 | 358. |
| 10.5 | 34.1 | 3150.1 | 700.0 | 3.0 | 2.0 | 157.8 | 3.7 | -1.4 | 3.4 | 305.8 | 323.7 | 5.8 | 93.1 | 4.1 | 356. |
| 11.5 | 36.6 | 3444.7 | 675.0 | 1.4 | 0.3 | 154.3 | 4.1 | -1.7 | 3.8 | 307.3 | 323.9 | 5.8 | 92.1 | 4.3 | 355. |
| 12.7 | 39.2 | 3748.0 | 650.0 | -0.9 | -1.5 | 172.6 | 3.1 | -0.7 | 5.1 | 308.0 | 323.2 | 5.3 | 75.0 | 4.4 | 354. |
| 13.7 | 41.8 | 4000.5 | 625.0 | -2.7 | -3.5 | 202.3 | 5.7 | 2.2 | 5.3 | 309.3 | 323.1 | 4.7 | 98.4 | 4.5 | 355. |
| 14.8 | 44.4 | 4304.1 | 600.0 | -3.3 | -10.8 | 225.6 | 4.9 | 3.5 | 3.5 | 312.3 | 318.6 | 2.0 | 40.4 | 5.2 | 358. |
| 16.0 | 47.1 | 4719.8 | 575.0 | -4.8 | -18.4 | 225.4 | 3.0 | 2.1 | 2.1 | 314.4 | 319.4 | 1.6 | 33.3 | 5.4 | 362. |
| 17.1 | 49.9 | 5037.9 | 550.0 | -7.4 | -19.9 | 254.5 | 2.3 | 2.2 | 0.8 | 315.4 | 320.0 | 1.4 | 35.8 | 5.5 | 362. |
| 18.3 | 52.9 | 5428.9 | 525.0 | -10.4 | -21.7 | 250.6 | 2.3 | 2.2 | 0.4 | 316.9 | 321.0 | 1.3 | 36.5 | 5.5 | 362. |
| 19.0 | 55.7 | 5833.9 | 500.0 | -12.3 | -37.0 | 241.4 | 1.8 | 1.6 | 0.9 | 318.0 | 319.2 | 0.3 | 18.8 | 5.6 | 362. |
| 20.2 | 58.4 | 6233.6 | 475.0 | -15.3 | -53.5 | 263.3 | 2.9 | 2.9 | 0.3 | 319.0 | 319.2 | 0.1 | 2.3 | 5.6 | 362. |
| 21.2 | 61.4 | 6709.4 | 450.0 | -17.2 | -57.7 | 263.7 | 5.1 | 4.9 | -1.2 | 320.3 | 320.5 | 0.0 | 2.0 | 5.6 | 362. |
| 22.2 | 64.9 | 7249.9 | 425.0 | -19.6 | -62.4 | 303.0 | 7.7 | 6.5 | -4.2 | 323.8 | 323.9 | 0.0 | 1.0 | 5.5 | 362. |
| 23.7 | 68.9 | 7824.9 | 400.0 | -22.7 | -66.3 | 320.7 | 9.9 | 6.3 | -7.7 | 325.5 | 325.1 | 0.1 | 9.5 | 5.1 | 362. |
| 25.3 | 73.1 | 8433.1 | 375.0 | -26.5 | -74.5 | 299.5 | 10.6 | 9.2 | -5.2 | 326.5 | 326.4 | 0.5 | 46.3 | 4.9 | 362. |
| 26.9 | 77.0 | 9136.7 | 350.0 | -31.0 | -76.2 | 285.0 | 10.2 | 9.8 | -2.6 | 327.0 | 326.8 | 0.5 | 59.5 | 5.2 | 362. |
| 28.3 | 81.6 | 9858.0 | 325.0 | -35.5 | -79.5 | 289.8 | 10.8 | 10.2 | -3.7 | 327.8 | 329.2 | 0.4 | 68.2 | 5.6 | 362. |
| 31.9 | 87.3 | 11110.2 | 300.0 | -40.8 | -90.9 | 294.2 | 16.0 | 14.6 | -6.5 | 329.3 | 329.9 | 0.0 | 99.9 | 6.5 | 362. |
| 33.9 | 91.7 | 12308.7 | 275.0 | -45.8 | -99.9 | 289.2 | 21.1 | 19.9 | -6.9 | 330.4 | 329.9 | 0.0 | 99.9 | 6.1 | 362. |
| 35.9 | 96.4 | 13728.5 | 250.0 | -50.4 | -99.9 | 285.5 | 24.3 | 23.4 | -6.5 | 331.2 | 329.9 | 0.0 | 99.9 | 10.7 | 362. |
| 38.1 | 99.1 | 14405.4 | 225.0 | -54.3 | -99.9 | 282.6 | 28.0 | 27.5 | -6.5 | 332.2 | 329.9 | 0.0 | 99.9 | 14.1 | 362. |
| 40.7 | 99.1 | 15141.7 | 200.0 | -58.6 | -99.9 | 277.0 | 31.5 | 31.2 | -3.8 | 332.1 | 329.9 | 0.0 | 99.9 | 18.4 | 362. |
| 43.2 | 104.0 | 15957.3 | 175.0 | -64.4 | -99.9 | 290.3 | 27.8 | 26.1 | -0.7 | 343.6 | 329.9 | 0.0 | 99.9 | 23.2 | 362. |
| 46.1 | 110.2 | 17033.5 | 150.0 | -69.0 | -99.9 | 287.6 | 22.5 | 21.4 | -5.8 | 341.5 | 329.9 | 0.0 | 99.9 | 27.0 | 362. |
| 49.4 | 116.7 | 18217.1 | 125.0 | -66.3 | -99.9 | 285.0 | 21.1 | 20.3 | -5.8 | 341.9 | 329.9 | 0.0 | 99.9 | 31.4 | 362. |
| 53.5 | 123.3 | 19360.4 | 100.0 | -69.1 | -99.9 | 292.2 | 21.3 | 19.7 | -0.1 | 344.2 | 329.9 | 0.0 | 99.9 | 36.4 | 362. |
| 57.6 | 131.7 | 20322.8 | 75.0 | -65.6 | -99.9 | 293.8 | 15.4 | 14.1 | -0.2 | 431.3 | 329.9 | 0.0 | 99.9 | 41.7 | 362. |
| 65.0 | 141.7 | 20567.3 | 50.0 | -53.9 | -99.9 | 338.9 | 4.2 | 2.2 | -5.7 | 504.9 | 329.9 | 0.0 | 99.9 | 46.0 | 362. |
| 72.8 | 154.5 | 25336.9 | 25.0 | -45.3 | -99.9 | 198.6 | 2.0 | 0.6 | -1.9 | 646.1 | 329.9 | 0.0 | 99.9 | 48.4 | 362. |

BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 235
JACKSON, MISSISSIPPI

20 APRIL 1979
1100 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | LIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|---------------|-----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 5.5 | 91.0 | 1307.5 | 16.7 | 15.7 | 150.0 | 1.5 | -0.8 | 1.3 | 289.2 | 318.0 | 11.3 | 94.0 | 0.0 | 0. |
| 0.2 | 6.1 | 155.2 | 1000.0 | 19.9 | 15.3 | 160.2 | 7.3 | -2.5 | 6.9 | 292.0 | 320.6 | 11.0 | 79.9 | 0.1 | 301. |
| 1.0 | 8.2 | 373.7 | 975.0 | 20.4 | 12.8 | 170.9 | 5.5 | -0.9 | 5.4 | 295.7 | 321.1 | 9.6 | 61.4 | 0.3 | 333. |
| 1.9 | 10.3 | 598.1 | 950.0 | 19.6 | 12.0 | 172.2 | 3.9 | -0.5 | 3.9 | 297.1 | 322.0 | 9.3 | 61.3 | 0.4 | 345. |
| 2.4 | 12.5 | 827.6 | 925.0 | 14.3 | 10.2 | 157.1 | 4.1 | -1.6 | 3.8 | 298.1 | 320.9 | 8.5 | 59.2 | 0.6 | 345. |
| 3.4 | 14.6 | 1062.0 | 900.0 | 16.6 | 9.8 | 148.2 | 5.4 | -2.9 | 4.6 | 298.6 | 321.6 | 8.5 | 64.5 | 0.8 | 341. |
| 4.2 | 16.8 | 1301.5 | 875.0 | 14.4 | 9.4 | 151.1 | 6.1 | -2.0 | 5.3 | 298.7 | 321.8 | 8.5 | 72.1 | 1.1 | 337. |
| 5.0 | 19.1 | 1546.0 | 850.0 | 12.3 | 8.2 | 162.5 | 6.5 | -2.0 | 6.2 | 299.1 | 320.9 | 8.1 | 75.6 | 1.4 | 337. |
| 5.9 | 21.4 | 1796.3 | 825.0 | 10.8 | 6.5 | 174.6 | 7.5 | -0.7 | 7.4 | 300.0 | 320.2 | 7.4 | 74.6 | 1.8 | 339. |
| 6.8 | 23.6 | 2052.6 | 800.0 | 9.4 | 2.1 | 186.1 | 7.1 | 0.8 | 7.1 | 301.2 | 317.0 | 5.6 | 60.7 | 2.2 | 343. |
| 7.7 | 26.0 | 2315.1 | 775.0 | 7.6 | -0.6 | 200.1 | 7.6 | 2.6 | 7.2 | 302.0 | 315.4 | 4.7 | 55.1 | 2.5 | 348. |
| 8.6 | 28.4 | 2544.6 | 750.0 | 5.9 | -2.6 | 207.3 | 7.7 | 3.5 | 6.8 | 302.9 | 315.0 | 4.2 | 54.4 | 2.9 | 353. |
| 9.5 | 30.8 | 2751.5 | 725.0 | 3.7 | -4.3 | 212.6 | 6.9 | 3.7 | 5.8 | 303.5 | 314.6 | 3.8 | 55.7 | 3.2 | 357. |
| 10.4 | 33.2 | 3145.7 | 700.0 | 1.7 | -5.6 | 208.9 | 5.2 | 2.5 | 4.6 | 304.4 | 315.0 | 3.7 | 59.2 | 3.5 | 1. |
| 11.4 | 35.7 | 3438.8 | 675.0 | 0.5 | 0.5 | 181.3 | 4.6 | 0.1 | 4.6 | 306.3 | 323.1 | 5.9 | 101.6 | 3.7 | 2. |
| 12.4 | 38.2 | 3741.5 | 650.0 | -0.8 | -0.8 | 171.6 | 5.9 | -0.9 | 5.9 | 308.0 | 324.0 | 5.6 | 101.4 | 4.0 | 1. |
| 13.3 | 40.7 | 4054.3 | 625.0 | -2.7 | -2.7 | 180.1 | 6.2 | 0.0 | 6.2 | 309.4 | 324.1 | 5.0 | 103.5 | 4.4 | 0. |
| 14.3 | 43.3 | 4377.6 | 600.0 | -4.5 | -5.1 | 199.0 | 6.2 | 2.0 | 5.9 | 310.9 | 323.8 | 4.4 | 90.5 | 4.7 | 1. |
| 15.3 | 46.1 | 4711.3 | 575.0 | -7.1 | -12.7 | 211.8 | 5.6 | 2.9 | 4.7 | 311.7 | 317.4 | 2.5 | 64.1 | 5.1 | 3. |
| 16.5 | 49.4 | 5057.4 | 550.0 | -9.8 | -14.7 | 199.2 | 4.6 | 1.5 | 4.3 | 313.6 | 320.5 | 2.2 | 62.2 | 5.4 | 5. |
| 17.5 | 51.4 | 5416.8 | 525.0 | -10.6 | -18.8 | 190.0 | 3.6 | 0.6 | 3.5 | 315.7 | 320.9 | 1.6 | 50.9 | 5.7 | 5. |
| 18.4 | 54.4 | 5790.8 | 500.0 | -12.5 | -44.5 | 185.4 | 2.8 | 0.3 | 2.8 | 317.8 | 318.7 | 0.3 | 8.6 | 5.9 | 5. |
| 20.1 | 57.3 | 6180.9 | 475.0 | -14.7 | -59.3 | 213.0 | 2.7 | 1.5 | 2.3 | 319.8 | 319.9 | 0.0 | 1.0 | 6.1 | 5. |
| 21.4 | 60.4 | 6598.5 | 450.0 | -16.4 | -60.3 | 273.1 | 3.7 | 3.7 | -0.2 | 322.6 | 322.7 | 0.0 | 1.0 | 6.2 | 7. |
| 22.3 | 63.5 | 7017.5 | 425.0 | -19.5 | -38.6 | 285.9 | 5.1 | 4.9 | -1.4 | 325.3 | 326.5 | 0.3 | 15.6 | 6.1 | 11. |
| 24.3 | 66.6 | 7353.4 | 400.0 | -22.5 | -11.4 | 295.2 | 4.4 | 4.0 | -1.9 | 325.8 | 328.2 | 0.7 | 45.2 | 6.1 | 15. |
| 25.4 | 69.9 | 7936.5 | 375.0 | -26.5 | -32.4 | 279.7 | 5.2 | 5.1 | -0.8 | 326.6 | 328.9 | 0.7 | 57.0 | 6.1 | 19. |
| 27.4 | 73.4 | 9431.3 | 350.0 | -30.5 | -36.3 | 273.7 | 7.9 | 7.9 | -0.5 | 327.7 | 329.4 | 0.5 | 55.0 | 6.2 | 24. |
| 29.0 | 76.9 | 8953.5 | 325.0 | -34.9 | -40.9 | 279.1 | 10.1 | 10.0 | -1.6 | 328.6 | 329.8 | 0.3 | 54.1 | 6.6 | 31. |
| 30.8 | 80.7 | 9506.2 | 300.0 | -39.8 | 99.9 | 283.4 | 12.2 | 11.9 | -2.8 | 329.2 | 329.9 | 99.9 | 99.9 | 7.1 | 41. |
| 32.6 | 84.5 | 10094.0 | 275.0 | -45.2 | 99.9 | 279.9 | 15.7 | 15.4 | -2.7 | 329.7 | 329.9 | 99.9 | 99.9 | 7.9 | 50. |
| 34.7 | 88.7 | 10723.0 | 250.0 | -50.5 | 99.9 | 281.8 | 21.1 | 20.7 | -4.3 | 331.0 | 329.9 | 99.9 | 99.9 | 9.5 | 61. |
| 36.3 | 93.0 | 11400.0 | 225.0 | -57.0 | 99.9 | 272.0 | 24.6 | 24.6 | -0.9 | 331.2 | 329.9 | 99.9 | 99.9 | 11.8 | 69. |
| 38.9 | 97.7 | 12135.1 | 200.0 | -63.2 | 99.9 | 266.8 | 29.7 | 29.7 | 1.7 | 332.7 | 329.9 | 99.9 | 99.9 | 15.3 | 73. |
| 41.4 | 102.4 | 12952.4 | 175.0 | -64.3 | 99.9 | 292.7 | 26.4 | 26.4 | -10.2 | 333.9 | 329.9 | 99.9 | 99.9 | 19.3 | 79. |
| 44.3 | 108.3 | 13375.9 | 150.0 | -63.3 | 99.9 | 295.9 | 22.4 | 20.1 | -9.8 | 361.1 | 329.9 | 99.9 | 99.9 | 22.7 | 85. |
| 47.8 | 114.1 | 15015.3 | 125.0 | -64.5 | 99.9 | 281.6 | 17.5 | 17.2 | -3.5 | 378.3 | 329.9 | 99.9 | 99.9 | 26.3 | 88. |
| 52.2 | 121.3 | 16147.0 | 100.0 | -68.2 | 99.9 | 287.1 | 22.5 | 21.5 | -6.7 | 398.0 | 329.9 | 99.9 | 99.9 | 31.3 | 93. |
| 57.7 | 129.3 | 18017.9 | 75.0 | -66.2 | 99.9 | 308.5 | 16.8 | 13.2 | -10.5 | 434.2 | 329.9 | 99.9 | 99.9 | 37.7 | 95. |
| 64.9 | 139.0 | 21558.2 | 50.0 | -58.7 | 99.9 | 333.7 | 6.8 | 3.0 | -0.1 | 555.2 | 329.9 | 99.9 | 99.9 | 40.7 | 94. |
| 76.4 | 150.5 | 25057.0 | 25.0 | -46.8 | 99.9 | 185.0 | 5.5 | 0.5 | 5.5 | 650.3 | 329.9 | 99.9 | 99.9 | 43.0 | 101. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** RM SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 240
LAKE CHARLES, LOUISIANA19 APRIL 1979
1100 GMT

| TIME -M | CNCT | WEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DEG K | E POT T DEG K | MX RTO CM/KG | RH PCT | RANGE KM | AZ DEG |
|------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|-----------------|-----------|-------------|-----------|
| 0.0 | 3.8 | 5.0 | 1017.4 | 18.3 | 18.1 | 130.0 | 2.1 | -1.6 | 1.3 | 290.0 | -23.2 | 13.0 | 99.9 | 0.0 | 0.0 |
| 0.6 | 5.3 | 154.1 | 1000.0 | 20.1 | 19.1 | 162.9 | 7.6 | -2.2 | 7.3 | 293.3 | 329.6 | 14.1 | 94.0 | 0.2 | 318.0 |
| 1.3 | 7.3 | 373.0 | 975.0 | 19.9 | 17.7 | 163.2 | 7.8 | -2.2 | 7.4 | 294.2 | 328.6 | 13.2 | 92.6 | 0.5 | 336.0 |
| 2.0 | 9.5 | 598.6 | 950.0 | 1.2 | 14.8 | 171.7 | 6.6 | -1.0 | 6.6 | 295.7 | 325.2 | 11.3 | 80.8 | 0.8 | 339.0 |
| 2.9 | 11.6 | 325.6 | 925.0 | 17.9 | 12.5 | 185.3 | 6.6 | 0.6 | 6.6 | 297.6 | 324.1 | 9.9 | 79.8 | 1.1 | 349.0 |
| 3.5 | 13.4 | 1259.9 | 900.0 | 16.4 | 12.1 | 198.9 | 5.7 | 1.9 | 5.4 | 298.4 | 324.9 | 9.9 | 75.8 | 1.4 | 351.0 |
| 4.4 | 16.0 | 1299.5 | 875.0 | 14.9 | 11.0 | 200.9 | 4.5 | 1.6 | 4.2 | 299.3 | 324.8 | 9.5 | 77.2 | 1.6 | 356.0 |
| 5.3 | 18.1 | 1544.7 | 850.0 | 13.4 | 10.7 | 214.7 | 5.5 | 3.1 | 4.5 | 300.2 | 326.0 | 9.6 | 83.7 | 1.8 | 359.0 |
| 6.2 | 20.5 | 1796.2 | 825.0 | 12.0 | 9.6 | 241.3 | 6.6 | 5.8 | 3.2 | 301.3 | 326.2 | 9.2 | 89.3 | 2.0 | 7.0 |
| 7.2 | 22.4 | 2354.0 | 800.0 | 11.3 | 6.5 | 257.4 | 4.9 | 4.7 | 3.2 | 303.2 | 324.4 | 7.6 | 72.3 | 2.2 | 15.0 |
| 8.2 | 25.2 | 2319.3 | 775.0 | 10.4 | 3.0 | 270.3 | 3.8 | 3.6 | -0.0 | 305.0 | 323.4 | 6.1 | 59.8 | 2.3 | 20.0 |
| 9.2 | 27.6 | 2591.9 | 750.0 | 6.7 | 1.0 | 288.8 | 5.2 | 4.9 | -1.7 | 306.1 | 321.8 | 5.5 | 59.3 | 2.4 | 26.0 |
| 10.1 | 30.0 | 2871.7 | 725.0 | 7.0 | 0.2 | 297.4 | 6.8 | 6.1 | -3.1 | 307.1 | 322.6 | 5.4 | 62.0 | 2.4 | 34.0 |
| 11.1 | 32.4 | 3159.3 | 700.0 | 4.6 | -4.5 | 299.9 | 7.1 | 6.2 | -3.6 | 307.6 | 319.0 | 3.9 | 51.5 | 2.5 | 46.0 |
| 12.0 | 34.9 | 3454.6 | 675.0 | 2.5 | -4.7 | 302.8 | 6.9 | 5.8 | -3.7 | 308.5 | 320.3 | 4.0 | 59.1 | 2.6 | 52.0 |
| 13.0 | 37.4 | 3758.6 | 650.0 | -0.1 | -4.3 | 303.7 | 7.0 | 5.8 | -3.9 | 308.8 | 321.4 | 4.3 | 73.3 | 2.7 | 61.0 |
| 14.0 | 40.0 | 4072.0 | 625.0 | -2.0 | -3.7 | 305.7 | 7.3 | 5.9 | -4.2 | 310.1 | 323.8 | 4.7 | 89.3 | 3.0 | 66.0 |
| 15.2 | 42.6 | 4396.3 | 600.0 | -3.7 | -3.3 | 315.4 | 7.2 | 5.0 | -5.1 | 311.9 | 324.7 | 4.3 | 88.4 | 3.2 | 77.0 |
| 16.3 | 45.2 | 4731.6 | 575.0 | -5.9 | -2.5 | 319.6 | 6.3 | 4.1 | -4.8 | 313.1 | 322.9 | 3.2 | 75.3 | 3.5 | 83.0 |
| 17.5 | 48.0 | 5078.4 | 550.0 | -8.4 | -13.6 | 320.1 | 4.9 | 3.2 | -3.8 | 314.2 | 321.7 | 2.4 | 65.6 | 3.7 | 89.0 |
| 18.4 | 50.4 | 5319.0 | 525.0 | -9.2 | -39.8 | 306.5 | 4.4 | 3.5 | -2.6 | 317.4 | 318.9 | 0.5 | 13.8 | 3.9 | 92.0 |
| 20.0 | 53.7 | 5915.1 | 500.0 | -11.2 | -46.3 | 300.7 | 5.2 | 4.5 | -2.7 | 319.4 | 319.9 | 0.1 | 3.8 | 4.2 | 94.0 |
| 21.2 | 56.6 | 6206.1 | 475.0 | -14.1 | -33.4 | 289.9 | 6.6 | 6.2 | -2.2 | 320.5 | 322.2 | 0.5 | 18.4 | 4.7 | 97.0 |
| 22.7 | 59.6 | 6614.7 | 450.0 | -16.6 | -40.3 | 274.6 | 6.5 | 6.5 | -0.5 | 322.4 | 322.9 | 0.1 | 5.6 | 5.2 | 97.0 |
| 24.1 | 62.8 | 7041.5 | 425.0 | -20.1 | -62.7 | 274.4 | 6.4 | 6.4 | -0.5 | 323.2 | 323.3 | 0.0 | 1.0 | 5.7 | 97.0 |
| 25.5 | 65.9 | 7497.5 | 400.0 | -23.7 | -56.5 | 276.3 | 8.9 | 8.9 | -1.0 | 324.2 | 324.4 | 0.0 | 3.3 | 6.4 | 96.0 |
| 27.0 | 69.3 | 7955.5 | 375.0 | -27.4 | -67.5 | 266.9 | 10.6 | 10.1 | -3.1 | 325.3 | 325.3 | 0.0 | 1.0 | 7.3 | 97.0 |
| 29.4 | 72.6 | 8449.9 | 350.0 | -29.6 | -68.9 | 294.0 | 16.1 | 14.7 | -6.5 | 328.9 | 328.9 | 0.0 | 1.0 | 8.3 | 99.0 |
| 31.1 | 76.1 | 8975.2 | 325.0 | -33.2 | -72.3 | 293.2 | 22.3 | 20.5 | -8.8 | 330.9 | 331.3 | 0.1 | 14.3 | 10.1 | 102.0 |
| 31.7 | 79.9 | 9532.2 | 300.0 | -38.1 | -73.6 | 285.0 | 24.9 | 23.6 | -8.1 | 331.7 | 332.7 | 0.3 | 55.9 | 12.5 | 104.0 |
| 33.7 | 83.7 | 10126.0 | 275.0 | -42.7 | 99.9 | 281.5 | 26.8 | 26.2 | -5.4 | 333.0 | 999.9 | 99.9 | 99.9 | 15.6 | 104.0 |
| 35.8 | 87.8 | 10761.3 | 250.0 | -45.5 | 99.9 | 272.8 | 26.8 | 26.7 | -1.3 | 334.0 | 999.9 | 99.9 | 99.9 | 19.0 | 103.0 |
| 38.1 | 92.2 | 11445.1 | 225.0 | -54.9 | 99.9 | 268.8 | 26.9 | 26.9 | 0.6 | 334.4 | 999.9 | 99.9 | 99.9 | 22.7 | 101.0 |
| 40.7 | 96.4 | 12197.4 | 200.0 | -60.6 | 99.9 | 278.7 | 26.4 | 26.1 | -4.0 | 336.9 | 999.9 | 99.9 | 99.9 | 26.7 | 99.0 |
| 43.8 | 102.0 | 13016.0 | 175.0 | -60.8 | 99.9 | 278.7 | 27.0 | 26.6 | -4.1 | 339.5 | 999.9 | 99.9 | 99.9 | 31.5 | 100.0 |
| 46.8 | 107.4 | 13770.1 | 150.0 | -61.4 | 99.9 | 279.5 | 25.5 | 25.1 | -4.2 | 344.4 | 999.9 | 99.9 | 99.9 | 34.2 | 99.0 |
| 50.5 | 113.5 | 15095.5 | 125.0 | -64.2 | 99.9 | 279.5 | 21.7 | 21.4 | -3.6 | 348.7 | 999.9 | 99.9 | 99.9 | 41.5 | 100.0 |
| 54.7 | 120.3 | 16446.0 | 100.0 | -68.9 | 99.9 | 274.5 | 18.0 | 18.0 | -1.4 | 348.6 | 999.9 | 99.9 | 99.9 | 46.7 | 99.0 |
| 60.2 | 128.3 | 19157.7 | 75.0 | -70.7 | 99.9 | 274.5 | 14.6 | 14.4 | -2.2 | 424.8 | 999.9 | 99.9 | 99.9 | 51.9 | 99.0 |
| 67.4 | 138.0 | 20610.9 | 50.0 | -59.8 | 99.9 | 209.4 | 7.6 | 3.7 | 6.6 | 502.7 | 999.9 | 99.9 | 99.9 | 56.7 | 100.0 |
| 79.2 | 149.5 | 25075.4 | 25.0 | -47.6 | 99.9 | 999.9 | 99.9 | 99.9 | 93.9 | 648.1 | 999.9 | 99.9 | 99.9 | 58.5 | 102.0 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 240
 LAKE CHARLES, LOUISIANA
 19 APRIL 1979
 1405 GMT

| TIME | CMCT | HEIGHT | PRES | TEMP | DEW PT | DIR | SPEED | U COMP | V COMP | POT T | E POT T | MX RTO | RH | RANGE | AZ |
|------|-------|---------|--------|-------|--------|-------|-------|--------|--------|-------|---------|--------|-------|-------|------|
| MIN | | GPM | MB | °C | °C | °C | M/SEC | M/SEC | M/SEC | °C | °C | GM/KG | PCT | KM | °C |
| 0.0 | 3.7 | 5.0 | 1018.5 | 20.6 | 20.1 | 120.0 | 4.1 | -3.6 | 2.0 | 292.2 | 329.9 | 14.7 | 97.0 | 0.0 | 0. |
| 0.4 | 5.3 | 164.4 | 1000.0 | 21.1 | 19.9 | 132.3 | 11.8 | -3.7 | 7.9 | 294.2 | 332.4 | 14.8 | 92.9 | 0.4 | 297. |
| 1.0 | 7.4 | 384.1 | 975.0 | 19.8 | 18.6 | 146.0 | 10.2 | -5.7 | 8.4 | 295.1 | 331.6 | 14.0 | 92.8 | 0.7 | 306. |
| 1.9 | 9.5 | 608.7 | 950.0 | 19.4 | 17.7 | 164.6 | 8.1 | -2.2 | 7.8 | 296.9 | 332.4 | 13.4 | 89.6 | 1.1 | 318. |
| 2.6 | 11.7 | 838.7 | 925.0 | 18.4 | 16.5 | 159.3 | 7.7 | -2.7 | 7.2 | 298.2 | 332.2 | 12.9 | 89.3 | 1.4 | 324. |
| 3.5 | 13.9 | 1073.6 | 900.0 | 16.6 | 14.8 | 160.1 | 7.3 | -2.5 | 6.8 | 298.6 | 330.2 | 11.9 | 89.5 | 1.8 | 329. |
| 4.2 | 16.1 | 1313.7 | 875.0 | 15.1 | 11.2 | 164.6 | 5.6 | -1.5 | 5.4 | 299.5 | 325.4 | 9.6 | 77.8 | 2.1 | 329. |
| 5.1 | 18.4 | 1559.6 | 850.0 | 14.2 | 9.2 | 165.6 | 5.5 | -1.4 | 5.3 | 301.1 | 324.6 | 8.6 | 71.5 | 2.4 | 331. |
| 6.0 | 20.7 | 1811.6 | 825.0 | 13.4 | 8.2 | 198.4 | 4.9 | 1.5 | 4.6 | 302.8 | 325.7 | 8.3 | 70.8 | 2.6 | 333. |
| 6.9 | 23.0 | 2073.4 | 800.0 | 11.8 | 6.8 | 244.5 | 4.9 | 4.5 | 2.1 | 303.8 | 325.4 | 9.0 | 81.9 | 2.7 | 339. |
| 7.4 | 25.3 | 2335.6 | 775.0 | 9.6 | 6.2 | 268.8 | 4.6 | 4.6 | 0.1 | 304.1 | 325.6 | 7.7 | 79.5 | 2.7 | 344. |
| 8.8 | 27.6 | 2638.0 | 750.0 | 4.9 | 2.2 | 290.5 | 5.1 | 4.8 | -1.8 | 306.2 | 323.3 | 6.0 | 63.2 | 2.6 | 353. |
| 9.9 | 30.1 | 2935.1 | 725.0 | 6.5 | 4.4 | 291.3 | 5.8 | 5.4 | -2.1 | 306.6 | 327.1 | 7.3 | 86.3 | 2.4 | 356. |
| 10.9 | 32.5 | 3176.2 | 700.0 | 5.0 | 1.1 | 293.7 | 6.1 | 5.6 | -2.5 | 308.0 | 325.0 | 5.9 | 75.7 | 2.3 | 5. |
| 12.0 | 35.0 | 3472.4 | 675.0 | 3.5 | -2.6 | 290.9 | 7.8 | 7.2 | -2.8 | 309.5 | 323.2 | 4.7 | 64.2 | 2.1 | 16. |
| 13.0 | 37.5 | 3778.0 | 650.0 | 1.1 | -3.5 | 289.9 | 8.2 | 7.7 | -2.8 | 310.2 | 321.8 | 3.9 | 61.3 | 2.2 | 33. |
| 14.1 | 40.1 | 4092.5 | 625.0 | -0.7 | -8.7 | 298.3 | 6.2 | 5.4 | -2.9 | 311.7 | 321.3 | 3.2 | 54.6 | 2.3 | 42. |
| 15.3 | 42.4 | 4417.9 | 600.0 | -2.7 | -10.8 | 313.4 | 4.4 | 3.2 | -3.0 | 313.0 | 321.5 | 2.8 | 53.5 | 2.4 | 51. |
| 16.6 | 45.4 | 4750.0 | 575.0 | -5.4 | -10.0 | 317.1 | 3.1 | 2.1 | -2.3 | 313.7 | 323.2 | 3.1 | 59.5 | 2.4 | 51. |
| 18.0 | 48.1 | 5102.1 | 550.0 | -8.8 | -13.0 | 257.1 | 4.0 | 3.9 | 0.9 | 316.0 | 322.8 | 2.2 | 52.0 | 2.4 | 61. |
| 19.3 | 51.0 | 5464.2 | 525.0 | -8.2 | -15.0 | 262.4 | 6.0 | 6.0 | 0.8 | 318.6 | 320.4 | 0.5 | 14.0 | 2.9 | 62. |
| 20.7 | 53.8 | 5811.7 | 500.0 | -10.5 | -33.5 | 275.4 | 7.4 | 7.3 | -0.7 | 320.2 | 321.8 | 0.4 | 13.2 | 3.4 | 68. |
| 22.1 | 56.8 | 6233.8 | 475.0 | -13.5 | -42.3 | 269.8 | 7.0 | 7.0 | 0.0 | 321.3 | 322.1 | 0.2 | 7.7 | 4.0 | 71. |
| 23.5 | 59.9 | 6643.0 | 450.0 | -15.8 | -59.9 | 261.8 | 6.5 | 6.5 | 0.9 | 323.4 | 323.5 | 0.0 | 1.0 | 4.6 | 73. |
| 25.0 | 63.0 | 7071.0 | 425.0 | -19.0 | -62.0 | 259.5 | 8.3 | 8.1 | 1.5 | 324.6 | 324.7 | 0.0 | 1.0 | 5.1 | 76. |
| 26.6 | 66.1 | 7519.9 | 400.0 | -22.0 | -63.9 | 273.1 | 11.0 | 11.0 | -0.6 | 326.4 | 326.5 | 0.0 | 1.0 | 6.1 | 76. |
| 28.2 | 69.4 | 7991.3 | 375.0 | -25.8 | -42.0 | 287.2 | 12.4 | 11.9 | -3.7 | 327.4 | 328.3 | 0.2 | 20.1 | 7.1 | 79. |
| 29.9 | 72.9 | 8497.9 | 350.0 | -29.5 | -38.7 | 300.7 | 15.5 | 13.3 | -7.9 | 329.0 | 330.4 | 0.4 | 40.2 | 8.3 | 85. |
| 31.5 | 76.3 | 9013.9 | 325.0 | -32.7 | -39.0 | 287.6 | 18.5 | 17.6 | -5.6 | 331.6 | 333.1 | 0.4 | 52.9 | 9.7 | 90. |
| 33.4 | 80.0 | 9572.4 | 300.0 | -37.1 | -44.3 | 268.8 | 16.5 | 16.5 | 0.4 | 333.1 | 334.0 | 0.2 | 45.7 | 11.8 | 91. |
| 35.4 | 84.0 | 10167.0 | 275.0 | -42.6 | 99.9 | 262.0 | 15.2 | 15.0 | 2.1 | 333.5 | 999.9 | 99.9 | 999.9 | 13.6 | 92. |
| 37.5 | 88.2 | 10903.1 | 250.0 | -47.8 | 99.9 | 271.9 | 18.1 | 18.1 | -3.6 | 335.0 | 999.9 | 99.9 | 999.9 | 15.6 | 93. |
| 39.8 | 92.5 | 11490.6 | 225.0 | -53.5 | 99.9 | 277.8 | 20.9 | 20.7 | -2.8 | 336.6 | 999.9 | 99.9 | 999.9 | 19.3 | 91. |
| 42.3 | 97.2 | 12240.2 | 200.0 | -58.4 | 99.9 | 277.1 | 23.8 | 23.6 | -2.9 | 340.2 | 999.9 | 99.9 | 999.9 | 21.6 | 92. |
| 45.1 | 102.2 | 13273.1 | 175.0 | -61.3 | 99.9 | 280.1 | 25.2 | 24.8 | -4.4 | 344.8 | 999.9 | 99.9 | 999.9 | 25.6 | 93. |
| 48.3 | 107.6 | 14735.8 | 150.0 | -60.8 | 99.9 | 279.6 | 26.1 | 25.7 | -4.3 | 345.4 | 999.9 | 99.9 | 999.9 | 30.5 | 94. |
| 51.8 | 113.8 | 15161.6 | 125.0 | -64.3 | 99.9 | 279.5 | 22.5 | 22.2 | -3.7 | 378.7 | 999.9 | 99.9 | 999.9 | 35.9 | 95. |
| 56.2 | 127.7 | 16517.7 | 100.0 | -67.4 | 99.9 | 277.2 | 18.9 | 18.8 | -2.4 | 397.5 | 999.9 | 99.9 | 999.9 | 41.3 | 95. |
| 61.3 | 127.7 | 18241.3 | 75.0 | -70.4 | 99.9 | 292.8 | 14.3 | 13.2 | -5.5 | 425.4 | 999.9 | 99.9 | 999.9 | 46.0 | 96. |
| 64.3 | 136.5 | 20733.4 | 50.0 | -60.4 | 99.9 | 272.3 | 8.7 | 8.7 | -0.4 | 501.3 | 999.9 | 99.9 | 999.9 | 50.2 | 98. |
| 70.4 | 150.0 | 23166.6 | 25.0 | -46.1 | 99.9 | 264.2 | 4.4 | 4.4 | 0.4 | 632.0 | 999.9 | 99.9 | 999.9 | 51.8 | 100. |

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 °° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 240
LAKE CHARLES, LOUISIANA

19 APRIL 1979
1705 GMT

154 20. 0

| TIME MM | CNTCY | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | " COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.3 | 5.2 | 5.0 | 1019.1 | 24.4 | 20.5 | 150.0 | 4.6 | -2.3 | 4.0 | 296.0 | 375.2 | 15.1 | 79.0 | 0.0 | 0. |
| 0.5 | 6.4 | 171.1 | 1000.0 | 22.5 | 19.9 | 152.3 | 4.8 | -2.2 | 4.3 | 295.7 | 374.2 | 14.8 | 85.4 | 0.2 | 317. |
| 1.4 | 6.9 | 391.4 | 975.0 | 20.3 | 18.8 | 157.2 | 6.1 | -2.4 | 5.6 | 295.6 | 332.5 | 14.2 | 90.9 | 0.5 | 327. |
| 2.1 | 11.2 | 616.1 | 950.0 | 18.9 | 18.0 | 157.2 | 6.8 | -2.7 | 6.3 | 296.4 | 330.2 | 13.9 | 94.5 | 0.8 | 331. |
| 2.9 | 13.4 | 845.3 | 925.0 | 17.5 | 16.0 | 158.9 | 7.2 | -2.6 | 6.7 | 297.3 | 330.2 | 12.5 | 90.9 | 1.1 | 333. |
| 3.7 | 15.6 | 1079.9 | 900.0 | 16.7 | 14.8 | 162.6 | 6.9 | -2.1 | 6.6 | 298.7 | 330.2 | 11.9 | 86.7 | 1.5 | 335. |
| 4.6 | 17.9 | 1320.0 | 875.0 | 15.3 | 12.2 | 160.6 | 7.0 | -2.3 | 6.6 | 299.7 | 327.2 | 10.3 | 81.7 | 1.8 | 336. |
| 5.3 | 20.1 | 1555.8 | 850.0 | 13.9 | 9.3 | 160.4 | 6.9 | -2.3 | 6.5 | 300.7 | 324.3 | 8.7 | 73.8 | 2.1 | 337. |
| 6.3 | 22.4 | 1817.8 | 825.0 | 12.8 | 7.0 | 160.6 | 5.0 | -1.7 | 4.7 | 302.2 | 323.2 | 7.7 | 67.6 | 2.4 | 337. |
| 7.2 | 24.9 | 2375.8 | 800.0 | 11.2 | 5.9 | 177.4 | 5.1 | -0.2 | 5.1 | 303.2 | 323.4 | 7.3 | 69.5 | 2.7 | 338. |
| 8.2 | 27.2 | 2341.0 | 775.0 | 9.6 | 7.1 | 195.0 | 3.2 | 0.8 | 3.1 | 304.1 | 326.8 | 8.2 | 84.5 | 3.0 | 341. |
| 9.1 | 29.6 | 2617.8 | 750.0 | 7.4 | 5.0 | 208.6 | 1.4 | 0.6 | 1.3 | 304.6 | 325.0 | 7.3 | 84.7 | 3.1 | 342. |
| 10.1 | 32.0 | 2471.6 | 725.0 | 6.1 | 3.3 | 258.0 | 1.9 | 1.9 | 0.4 | 306.2 | 325.2 | 6.7 | 82.1 | 3.1 | 343. |
| 11.1 | 34.5 | 3178.7 | 700.0 | 3.9 | 1.1 | 275.2 | 6.4 | 6.4 | -0.6 | 306.8 | 323.8 | 5.9 | 81.9 | 3.0 | 347. |
| 12.1 | 37.1 | 3473.7 | 675.0 | 2.3 | -3.0 | 279.1 | 6.2 | 6.1 | -1.0 | 308.2 | 321.4 | 4.5 | 67.8 | 2.9 | 356. |
| 13.1 | 39.7 | 3777.8 | 650.0 | 0.2 | -4.7 | 272.0 | 5.5 | 5.5 | -0.2 | 309.2 | 321.4 | 4.1 | 69.4 | 2.8 | 3. |
| 14.1 | 42.2 | 4071.6 | 625.0 | -1.5 | -9.2 | 263.7 | 5.8 | 5.7 | 0.9 | 310.8 | 319.9 | 3.0 | 55.5 | 2.9 | 10. |
| 15.1 | 44.9 | 4415.3 | 600.0 | -3.8 | -11.0 | 253.7 | 4.3 | 4.2 | 1.2 | 311.8 | 320.1 | 2.7 | 57.1 | 3.1 | 17. |
| 16.1 | 47.7 | 4750.2 | 575.0 | -6.1 | -14.4 | 252.8 | 4.7 | 4.5 | 1.4 | 312.9 | 319.7 | 2.2 | 51.8 | 3.3 | 21. |
| 17.1 | 50.3 | 5096.8 | 550.0 | -8.1 | -25.9 | 269.5 | 5.9 | 5.9 | 0.1 | 314.5 | 318.2 | 1.2 | 30.9 | 3.7 | 33. |
| 18.1 | 53.2 | 5457.8 | 525.0 | -7.1 | -37.6 | 276.2 | 5.8 | 5.8 | -0.6 | 317.4 | 318.4 | 0.3 | 7.8 | 3.7 | 33. |
| 19.1 | 56.1 | 5833.0 | 500.0 | -12.0 | -53.3 | 273.2 | 5.8 | 5.8 | -0.3 | 316.5 | 320.1 | 0.5 | 15.2 | 3.9 | 39. |
| 20.1 | 59.1 | 6224.3 | 475.0 | -14.0 | -56.3 | 277.2 | 6.8 | 6.8 | 0.3 | 320.7 | 321.0 | 0.1 | 3.3 | 4.2 | 44. |
| 21.1 | 62.1 | 6632.8 | 450.0 | -16.2 | -58.2 | 281.5 | 10.1 | 10.0 | 1.1 | 322.8 | 324.2 | 0.4 | 15.9 | 4.8 | 50. |
| 22.1 | 65.3 | 7060.9 | 425.0 | -19.9 | -59.8 | 276.9 | 9.9 | 9.9 | -1.2 | 324.8 | 325.8 | 0.3 | 13.7 | 5.6 | 56. |
| 23.1 | 68.5 | 7504.4 | 400.0 | -22.4 | -62.3 | 289. | 8.8 | 8.3 | -2.9 | 325.9 | 326.8 | 0.2 | 14.8 | 6.2 | 62. |
| 24.1 | 71.8 | 7970.3 | 375.0 | -26.3 | -65.2 | 278.4 | 10.7 | 10.6 | -1.6 | 326.8 | 320.6 | 0.5 | 42.4 | 6.8 | 67. |
| 25.1 | 75.3 | 8474.4 | 350.0 | -30.0 | -68.5 | 274.4 | 14.0 | 14.0 | -1.1 | 328.4 | 330.1 | 0.5 | 52.9 | 8.0 | 71. |
| 26.1 | 78.9 | 8999.7 | 325.0 | -33.0 | -68.1 | 280.3 | 17.9 | 17.6 | -1.3 | 331.2 | 331.8 | 0.1 | 23.1 | 9.5 | 76. |
| 27.1 | 82.7 | 9556.8 | 300.0 | -38.2 | -52.1 | 283.2 | 19.7 | 19.2 | -4.5 | 331.5 | 331.9 | 0.1 | 21.5 | 11.6 | 81. |
| 28.1 | 86.6 | 10148.9 | 275.0 | -43.6 | 99.9 | 283.7 | 21.3 | 20.6 | -5.0 | 332.1 | 999.9 | 99.9 | 999.9 | 14.0 | 85. |
| 29.1 | 90.8 | 10741.5 | 250.0 | -49.5 | 99.9 | 277.5 | 22.9 | 22.7 | -3.0 | 332.5 | 999.9 | 99.9 | 999.9 | 17.1 | 88. |
| 30.1 | 95.2 | 11463.3 | 225.0 | -54.4 | 99.9 | 273.8 | 24.1 | 24.0 | -1.6 | 335.1 | 999.9 | 99.9 | 999.9 | 20.4 | 89. |
| 31.1 | 99.3 | 12207.9 | 200.0 | -60.0 | 99.9 | 272.9 | 23.0 | 23.0 | -1.2 | 337.7 | 999.9 | 99.9 | 999.9 | 23.9 | 90. |
| 32.1 | 105.0 | 13037.2 | 175.0 | -59.4 | 99.9 | 275.4 | 25.5 | 25.4 | -2.4 | 351.9 | 999.9 | 99.9 | 999.9 | 27.9 | 90. |
| 33.1 | 110.6 | 14003.3 | 150.0 | -60.6 | 99.9 | 282.4 | 28.3 | 28.6 | -5.2 | 365.8 | 999.9 | 99.9 | 999.9 | 32.8 | 92. |
| 34.1 | 116.8 | 15128.2 | 125.0 | -64.2 | 99.9 | 274.9 | 25.2 | 25.1 | -2.2 | 374.8 | 999.9 | 99.9 | 999.9 | 37.8 | 93. |
| 35.1 | 124.0 | 16478.8 | 100.0 | -67.6 | 99.9 | 274.7 | 21.7 | 21.7 | -1.8 | 397.1 | 999.9 | 99.9 | 999.9 | 44.2 | 93. |
| 36.1 | 132.3 | 18190.4 | 75.0 | -70.9 | 99.9 | 290.4 | 14.5 | 13.6 | -3.0 | 424.3 | 999.9 | 99.9 | 999.9 | 49.0 | 93. |
| 37.1 | 141.5 | 20664.7 | 50.0 | -60.8 | 99.9 | 309.5 | 6.3 | 4.8 | -4.0 | 503.2 | 999.9 | 99.9 | 999.9 | 53.0 | 96. |
| 38.1 | 155.0 | 25163.3 | 25.0 | -46.8 | 99.9 | 205.9 | 4.4 | 1.9 | 4.0 | 650.2 | 999.9 | 99.9 | 999.9 | 54.1 | 96. |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 240
 LAKE CHARLES, LOUISIANA

 19 APRIL 1979
 2047 GMT

112 126.0 0

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP °C | DEW PT °C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | 3M PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|------------|--------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 5.3 | 5.0 | 1017.1 | 23.3 | 15.9 | 170.0 | 6.7 | -1.2 | 6.6 | 295.0 | 324.5 | 11.2 | 63.0 | 0.0 | 0.0 |
| 0.6 | 6.7 | 153.4 | 1000.0 | 22.4 | 20.1 | 154.2 | 8.7 | -3.8 | 7.8 | 295.5 | 334.6 | 15.1 | 87.2 | 0.3 | 337.0 |
| 1.4 | 8.8 | 373.7 | 975.0 | 20.4 | 18.5 | 148.9 | 10.4 | -5.4 | 8.9 | 295.7 | 332.0 | 14.0 | 89.2 | 0.7 | 333.0 |
| 2.1 | 11.0 | 548.4 | 950.0 | 20.1 | 17.6 | 155.3 | 9.9 | -4.2 | 9.0 | 297.5 | 325.2 | 10.4 | 66.5 | 1.2 | 331.0 |
| 3.1 | 13.2 | 528.1 | 925.0 | 18.0 | 15.3 | 166.4 | 9.1 | -2.1 | 8.8 | 297.7 | 329.3 | 12.0 | 88.5 | 1.7 | 335.0 |
| 4.0 | 15.4 | 1062.9 | 900.0 | 16.5 | 14.4 | 167.9 | 8.9 | -1.9 | 8.7 | 298.5 | 329.3 | 11.6 | 87.9 | 2.2 | 338.0 |
| 4.3 | 17.6 | 1302.6 | 875.0 | 14.5 | 12.3 | 167.2 | 8.0 | -1.8 | 7.8 | 298.8 | 326.5 | 10.3 | 85.6 | 2.6 | 340.0 |
| 5.3 | 19.9 | 1547.5 | 850.0 | 12.7 | 10.2 | 165.7 | 7.0 | -1.7 | 6.7 | 299.4 | 324.5 | 9.3 | 85.0 | 3.1 | 342.0 |
| 6.3 | 22.2 | 1798.5 | 825.0 | 11.7 | 7.8 | 165.6 | 7.9 | -1.4 | 7.8 | 300.9 | 323.1 | 8.1 | 77.4 | 3.4 | 341.0 |
| 7.7 | 24.5 | 2055.5 | 800.0 | 9.9 | 7.0 | 177.4 | 9.0 | -0.6 | 9.0 | 301.7 | 323.4 | 7.9 | 82.5 | 3.9 | 342.0 |
| 8.7 | 26.8 | 2319.4 | 775.0 | 8.5 | 5.4 | 189.2 | 8.0 | 1.3 | 7.8 | 302.9 | 323.1 | 7.3 | 83.8 | 4.5 | 345.0 |
| 9.3 | 29.3 | 2590.5 | 750.0 | 7.0 | 6.1 | 198.3 | 5.4 | 1.7 | 5.1 | 304.2 | 326.2 | 7.9 | 93.7 | 4.8 | 348.0 |
| 10.3 | 31.6 | 2869.4 | 725.0 | 5.8 | 3.9 | 206.1 | 3.1 | 1.3 | 2.7 | 305.8 | 325.6 | 7.0 | 87.8 | 5.0 | 343.0 |
| 11.4 | 34.1 | 3156.0 | 700.0 | 3.7 | 2.0 | 227.2 | 2.3 | 1.7 | 1.5 | 306.5 | 324.5 | 6.3 | 89.7 | 5.2 | 350.0 |
| 13.1 | 36.4 | 3450.9 | 675.0 | 1.6 | -0.7 | 247.9 | 2.5 | 2.3 | 0.9 | 307.5 | 323.1 | 5.4 | 84.6 | 5.2 | 352.0 |
| 14.3 | 39.2 | 3754.4 | 650.0 | -0.4 | -3.3 | 241.8 | 3.3 | 2.9 | 1.6 | 308.5 | 322.0 | 4.6 | 82.8 | 5.3 | 354.0 |
| 15.4 | 41.9 | 4067.5 | 625.0 | -2.3 | -6.5 | 241.7 | 4.7 | 4.2 | 2.2 | 309.9 | 321.1 | 3.8 | 72.8 | 5.4 | 357.0 |
| 16.5 | 44.4 | 4390.7 | 600.0 | -4.7 | -9.4 | 241.6 | 4.9 | 4.3 | 2.3 | 310.6 | 320.1 | 3.1 | 69.6 | 5.5 | 360.0 |
| 17.7 | 47.1 | 4723.9 | 575.0 | -7.7 | -11.2 | 225.8 | 3.6 | 2.6 | 2.5 | 311.0 | 319.6 | 2.8 | 76.3 | 5.7 | 3.0 |
| 19.3 | 49.5 | 5069.0 | 550.0 | -9.6 | -11.0 | 191.9 | 4.1 | 0.9 | 4.1 | 312.8 | 320.6 | 2.6 | 75.2 | 5.9 | 4.0 |
| 20.3 | 52.7 | 5427.6 | 525.0 | -13.8 | -12.0 | 193.6 | 3.4 | 0.8 | 3.3 | 313.5 | 324.4 | 2.9 | 93.2 | 6.3 | 4.0 |
| 21.4 | 55.6 | 5802.2 | 500.0 | -12.2 | -13.6 | 203.5 | 3.3 | 1.3 | 3.0 | 318.2 | 326.6 | 2.7 | 89.3 | 6.5 | 4.0 |
| 21.7 | 58.5 | 6193.2 | 475.0 | -14.3 | -15.9 | 226.4 | 5.6 | 4.1 | 3.9 | 320.3 | 327.7 | 2.3 | 85.0 | 6.8 | 6.0 |
| 23.1 | 61.6 | 6601.5 | 450.0 | -17.1 | -18.8 | 248.3 | 9.4 | 8.8 | 3.5 | 321.8 | 328.0 | 1.9 | 81.2 | 7.2 | 10.0 |
| 26.3 | 64.7 | 7028.7 | 425.0 | -19.5 | -21.4 | 259.1 | 11.4 | 11.2 | 2.2 | 323.0 | 329.4 | 1.6 | 84.1 | 7.7 | 16.0 |
| 27.3 | 69.7 | 7476.7 | 400.0 | -22.7 | -25.1 | 266.0 | 10.8 | 10.8 | 0.7 | 325.5 | 329.7 | 1.2 | 80.1 | 8.2 | 22.0 |
| 29.3 | 71.3 | 7947.6 | 375.0 | -26.0 | -29.0 | 272.6 | 10.7 | 10.7 | -0.5 | 327.2 | 330.4 | 0.9 | 75.1 | 8.6 | 29.0 |
| 31.1 | 74.7 | 8443.6 | 350.0 | -29.8 | -33.6 | 262.8 | 9.2 | 9.1 | 1.2 | 328.5 | 330.8 | 0.6 | 69.1 | 9.1 | 35.0 |
| 32.7 | 78.3 | 8967.6 | 325.0 | -33.9 | -38.0 | 244.6 | 9.1 | 8.3 | 3.9 | 330.9 | 331.6 | 0.4 | 65.9 | 9.8 | 38.0 |
| 34.4 | 82.0 | 9523.6 | 300.0 | -39.2 | -42.8 | 257.4 | 10.6 | 10.3 | 2.3 | 332.8 | 332.6 | 0.3 | 61.5 | 10.8 | 43.0 |
| 36.4 | 86.0 | 10116.2 | 275.0 | -43.1 | -49.9 | 257.2 | 13.3 | 13.0 | 2.9 | 332.8 | 332.8 | 0.9 | 99.9 | 11.8 | 45.0 |
| 38.7 | 93.2 | 10751.9 | 250.0 | -45.3 | -49.9 | 250.5 | 17.9 | 16.9 | 6.0 | 334.3 | 334.3 | 99.9 | 99.9 | 13.7 | 49.0 |
| 41.7 | 94.6 | 11436.7 | 225.0 | -54.3 | -49.9 | 269.0 | 18.8 | 18.8 | 0.3 | 335.3 | 335.3 | 99.9 | 99.9 | 16.4 | 53.0 |
| 43.7 | 99.2 | 12181.2 | 200.0 | -60.1 | -49.9 | 273.5 | 21.3 | 21.3 | -1.3 | 337.6 | 337.6 | 99.9 | 99.9 | 17.9 | 58.0 |
| 46.3 | 104.6 | 13008.1 | 175.0 | -60.7 | -49.9 | 268.9 | 25.4 | 25.4 | 0.5 | 349.8 | 349.8 | 99.9 | 99.9 | 22.3 | 64.0 |
| 49.3 | 110.0 | 13955.4 | 150.0 | -63.0 | -49.9 | 99.9 | 99.9 | 99.9 | 99.9 | 361.6 | 361.6 | 99.9 | 99.9 | 26.8 | 69.0 |
| 50.3 | 99.9 | 99.9 | 125.0 | -49.9 | -49.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 51.7 | 99.9 | 99.9 | 103.0 | -49.9 | -49.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 52.3 | 99.9 | 99.9 | 75.0 | -49.9 | -49.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 53.7 | 99.9 | 99.9 | 50.0 | -49.9 | -49.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 54.3 | 99.9 | 99.9 | 25.0 | -49.9 | -49.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

°° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 240
 LAKE CHARLES, LOUISIANA

 19 APRIL 1979
 2300 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | J COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTD GM/KG | RM PCT | RANGE K4 | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 5.7 | 5.0 | 1016.8 | 22.8 | 20.5 | 160.0 | 4.6 | -1.6 | 4.3 | 294.6 | 333.7 | 15.2 | 87.0 | 0.0 | 0. |
| 0.5 | 7.1 | 149.9 | 1000.0 | 20.6 | 18.6 | 144.9 | 7.1 | -4.1 | 5.8 | 293.6 | 329.6 | 13.8 | 89.3 | 0.2 | 334. |
| 1.4 | 9.4 | 368.8 | 975.0 | 18.7 | 17.5 | 139.8 | 7.9 | -5.1 | 6.0 | 294.0 | 327.7 | 13.0 | 92.5 | 0.6 | 326. |
| 2.3 | 11.6 | 523.3 | 950.0 | 18.0 | 13.9 | 146.4 | 8.9 | -4.9 | 7.4 | 295.5 | 323.7 | 10.7 | 77.5 | 1.1 | 324. |
| 3.0 | 13.6 | 320.9 | 925.0 | 16.9 | 14.2 | 160.7 | 8.2 | -2.7 | 7.7 | 296.6 | 326.0 | 11.1 | 84.4 | 1.4 | 326. |
| 3.9 | 15.8 | 1058.4 | 900.0 | 15.3 | 14.0 | 164.8 | 8.0 | -2.1 | 7.8 | 297.3 | 327.1 | 11.3 | 92.1 | 1.8 | 331. |
| 4.7 | 17.9 | 1293.1 | 875.0 | 13.6 | 12.4 | 169.2 | 7.4 | -1.4 | 7.2 | 298.0 | 325.7 | 10.4 | 92.0 | 2.2 | 333. |
| 5.7 | 20.2 | 1537.6 | 850.0 | 12.7 | 10.6 | 176.7 | 7.2 | -0.4 | 7.2 | 299.4 | 325.1 | 9.5 | 87.4 | 2.6 | 337. |
| 6.6 | 22.5 | 1784.9 | 825.0 | 11.9 | 8.6 | 172.5 | 7.2 | -0.9 | 7.1 | 301.2 | 324.6 | 8.6 | 80.0 | 3.0 | 339. |
| 7.4 | 24.8 | 2046.2 | 800.0 | 10.2 | 6.9 | 171.3 | 7.3 | -1.1 | 7.2 | 302.1 | 323.7 | 7.9 | 80.0 | 3.4 | 340. |
| 8.4 | 27.2 | 2310.3 | 775.0 | 8.8 | 5.2 | 177.5 | 6.4 | -0.3 | 6.3 | 303.3 | 323.3 | 7.2 | 78.2 | 3.7 | 342. |
| 9.3 | 29.5 | 2531.8 | 750.0 | 7.2 | 5.7 | 180.0 | 5.6 | -0.0 | 5.6 | 304.4 | 325.9 | 7.7 | 93.0 | 4.0 | 343. |
| 10.2 | 31.3 | 2365.5 | 725.0 | 5.1 | 4.2 | 171.9 | 4.1 | -0.6 | 4.1 | 305.1 | 325.2 | 7.2 | 94.1 | 4.3 | 344. |
| 11.2 | 34.3 | 3146.6 | 700.0 | 2.9 | 1.9 | 162.9 | 2.3 | -0.7 | 2.2 | 305.8 | 323.6 | 6.3 | 92.8 | 4.5 | 344. |
| 12.2 | 36.7 | 3440.7 | 675.0 | 0.8 | -0.7 | 170.5 | 3.3 | -0.5 | 3.2 | 306.5 | 322.5 | 5.6 | 92.8 | 4.6 | 344. |
| 13.2 | 39.2 | 3743.2 | 650.0 | -1.3 | -2.2 | 187.6 | 6.3 | 0.8 | 6.2 | 307.5 | 322.1 | 5.0 | 93.4 | 4.8 | 345. |
| 14.2 | 41.7 | 4055.9 | 625.0 | -2.7 | -3.6 | 197.7 | 9.7 | 3.0 | 9.3 | 309.4 | 323.1 | 4.7 | 93.2 | 5.3 | 348. |
| 15.3 | 44.3 | 4378.9 | 600.0 | -4.9 | -5.9 | 195.5 | 12.4 | 3.3 | 11.9 | 310.5 | 322.6 | 4.1 | 92.9 | 6.0 | 351. |
| 16.4 | 46.9 | 4715.9 | 575.0 | -6.6 | -7.7 | 188.6 | 12.3 | 1.8 | 12.2 | 312.2 | 323.4 | 3.7 | 92.3 | 6.8 | 354. |
| 17.6 | 49.6 | 5053.8 | 550.0 | -7.8 | -8.8 | 196.5 | 10.9 | 3.1 | 10.5 | 314.8 | 325.6 | 3.6 | 92.4 | 7.6 | 358. |
| 18.7 | 52.4 | 5421.1 | 525.0 | -2.4 | -10.4 | 220.7 | 10.0 | 6.5 | 7.6 | 317.1 | 327.3 | 3.3 | 92.2 | 8.2 | 358. |
| 20.0 | 55.2 | 5797.3 | 500.0 | -11.4 | -12.5 | 231.6 | 9.7 | 7.6 | 6.0 | 319.2 | 328.3 | 2.9 | 91.8 | 8.7 | 2. |
| 21.2 | 58.1 | 6193.9 | 475.0 | -12.5 | -13.7 | 236.3 | 10.4 | 8.7 | 5.8 | 322.5 | 331.4 | 2.8 | 93.6 | 9.1 | 5. |
| 22.3 | 61.1 | 6608.0 | 450.0 | -15.8 | -17.1 | 239.7 | 12.1 | 10.4 | 6.1 | 323.4 | 330.5 | 2.2 | 89.5 | 9.6 | 9. |
| 23.5 | 64.1 | 7029.4 | 425.0 | -19.2 | -19.8 | 243.7 | 13.0 | 11.6 | 5.8 | 325.7 | 331.8 | 1.9 | 87.3 | 10.2 | 13. |
| 24.9 | 67.4 | 7492.0 | 400.0 | -21.3 | -23.1 | 252.6 | 12.4 | 11.0 | 3.7 | 327.3 | 332.3 | 1.5 | 85.6 | 10.8 | 18. |
| 26.2 | 70.6 | 7933.6 | 375.0 | -24.4 | -26.6 | 262.3 | 12.2 | 12.1 | 1.6 | 329.3 | 333.3 | 1.2 | 81.8 | 11.4 | 22. |
| 27.7 | 74.0 | 8458.6 | 350.0 | -28.2 | -30.7 | 269.2 | 11.1 | 11.1 | 0.2 | 330.8 | 333.7 | 0.8 | 75.4 | 11.9 | 26. |
| 29.2 | 77.6 | 8990.7 | 325.0 | -32.1 | -35.3 | 265.2 | 10.5 | 10.4 | 0.9 | 332.4 | 334.5 | 0.6 | 72.9 | 12.3 | 31. |
| 31.0 | 81.3 | 9540.3 | 300.0 | -36.7 | -40.2 | 263.4 | 12.2 | 12.1 | 1.4 | 333.7 | 335.1 | 0.4 | 69.2 | 13.0 | 35. |
| 32.9 | 85.0 | 10136.8 | 275.0 | -41.3 | 99.9 | 266.4 | 15.9 | 15.9 | 1.0 | 335.4 | 999.9 | 99.9 | 999.9 | 14.1 | 40. |
| 34.5 | 89.0 | 10778.4 | 250.0 | -46.6 | 99.9 | 262.9 | 16.4 | 16.2 | 2.0 | 336.6 | 999.9 | 99.9 | 999.9 | 15.5 | 45. |
| 37.1 | 93.3 | 11468.7 | 225.0 | -52.5 | 99.9 | 269.0 | 15.5 | 15.5 | 0.3 | 338.1 | 999.9 | 99.9 | 999.9 | 17.2 | 49. |
| 39.4 | 97.8 | 12198.0 | 200.0 | -58.0 | 99.9 | 264.2 | 16.7 | 16.7 | 0.2 | 340.9 | 999.9 | 99.9 | 999.9 | 18.8 | 54. |
| 41.9 | 102.6 | 13049.7 | 175.0 | -63.3 | 99.9 | 264.0 | 22.3 | 22.2 | 2.3 | 345.5 | 999.9 | 99.9 | 999.9 | 21.3 | 58. |
| 45.1 | 107.4 | 14003.0 | 150.0 | -61.0 | 99.9 | 264.7 | 25.4 | 25.2 | 2.4 | 365.0 | 999.9 | 99.9 | 999.9 | 25.7 | 62. |
| 49.7 | 113.5 | 15133.1 | 125.0 | -63.7 | 99.9 | 272.1 | 28.4 | 28.4 | -1.0 | 379.7 | 999.9 | 99.9 | 999.9 | 30.7 | 67. |
| 53.1 | 120.0 | 16498.4 | 100.0 | -66.6 | 99.9 | 277.7 | 25.1 | 24.9 | -3.4 | 399.1 | 999.9 | 99.9 | 999.9 | 37.2 | 73. |
| 55.3 | 127.7 | 18213.7 | 75.0 | -70.5 | 99.9 | 292.2 | 19.8 | 18.3 | -7.5 | 425.1 | 999.9 | 99.9 | 999.9 | 43.4 | 77. |
| 58.1 | 136.7 | 20641.6 | 50.0 | -66.7 | 99.9 | 290.4 | 13.3 | 12.4 | -4.6 | 486.4 | 999.9 | 99.9 | 999.9 | 48.3 | 81. |
| 74.9 | 147.5 | 24952.3 | 25.0 | -55.6 | 99.9 | 281.4 | 13.5 | 13.3 | 12.7 | 625.1 | 999.9 | 99.9 | 999.9 | 53.7 | 85. |

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

°° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 240
LAKE CHARLES, LOUISIANA

20 APRIL 1979
300 GMT

137 70. 0

| TIME MIN | CNCT | WEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DEG K | E POT T DEG K | NR ATO CM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|---------------|-----------------|-----------|----------------|-----------------|-----------------|----------------|------------------|-----------------|-----------|-------------|----------|
| 0.3 | 5.1 | 5.0 | 1016.1 | 21.7 | 20.7 | 130.0 | 3.6 | -2.6 | 2.3 | 213.5 | 332.9 | 15.3 | 94.0 | 0.0 | 0. |
| 0.5 | 6.5 | 144.4 | 1000.0 | 21.8 | 20.9 | 999.9 | 99.9 | 99.9 | 99.9 | 295.0 | 335.7 | 15.8 | 94.4 | 999.9 | 999.9 |
| 1.3 | 4.7 | 364.4 | 975.0 | 19.9 | 18.8 | 999.9 | 99.9 | 99.9 | 99.9 | 295.2 | 332.0 | 14.2 | 93.5 | 999.9 | 999.9 |
| 2.1 | 11.0 | 588.7 | 950.0 | 19.5 | 16.2 | 999.9 | 99.9 | 99.9 | 99.9 | 297.0 | 329.4 | 12.3 | 91.2 | 999.9 | 999.9 |
| 2.3 | 13.3 | 818.4 | 925.0 | 17.9 | 14.8 | 999.9 | 99.9 | 99.9 | 99.9 | 297.6 | 328.2 | 11.6 | 92.0 | 999.9 | 999.9 |
| 3.7 | 15.6 | 1053.1 | 900.0 | 16.3 | 13.6 | 999.9 | 99.9 | 99.9 | 99.9 | 298.3 | 329.8 | 11.3 | 90.4 | 999.9 | 999.9 |
| 4.5 | 18.0 | 1293.0 | 875.0 | 15.2 | 12.6 | 999.9 | 99.9 | 99.9 | 99.9 | 299.6 | 329.8 | 10.3 | 89.4 | 999.9 | 999.9 |
| 5.1 | 20.4 | 1538.5 | 850.0 | 13.5 | 11.6 | 999.9 | 99.9 | 99.9 | 99.9 | 300.3 | 328.2 | 9.7 | 89.4 | 999.9 | 999.9 |
| 6.2 | 22.8 | 1739.9 | 825.0 | 11.8 | 10.5 | 999.9 | 99.9 | 99.9 | 99.9 | 301.0 | 327.4 | 8.2 | 79.9 | 999.9 | 999.9 |
| 7.2 | 25.3 | 2047.7 | 800.0 | 11.1 | 7.5 | 999.9 | 99.9 | 99.9 | 99.9 | 303.0 | 325.6 | 6.8 | 68.6 | 3.8 325. | |
| 8.1 | 27.8 | 2312.5 | 775.0 | 9.8 | 4.3 | 156.7 | 5.8 | -2.3 | 5.3 | 304.4 | 323.3 | 6.1 | 66.6 | 4.1 326. | |
| 9.1 | 30.3 | 2534.7 | 750.0 | 8.2 | 2.4 | 149.5 | 6.9 | -3.5 | 6.0 | 305.5 | 322.7 | 5.8 | 71.6 | 4.5 325. | |
| 10.1 | 32.8 | 2863.9 | 725.0 | 5.9 | 1.2 | 156.3 | 8.9 | -4.4 | 6.7 | 305.9 | 322.4 | 6.2 | 68.6 | 5.3 326. | |
| 11.3 | 35.4 | 3150.5 | 700.0 | 3.4 | 1.7 | 156.3 | 8.9 | -3.6 | 8.2 | 306.2 | 323.5 | 5.8 | 94.4 | 5.6 327. | |
| 11.9 | 38.1 | 3444.8 | 675.0 | 1.1 | 0.3 | 163.0 | 10.4 | -0.7 | 9.9 | 306.9 | 324.1 | 5.4 | 94.4 | 6.2 330. | |
| 13.3 | 43.8 | 3748.0 | 650.0 | -0.4 | -1.2 | 178.3 | 11.1 | -0.7 | 11.8 | 308.5 | 324.1 | 5.4 | 94.4 | 6.2 330. | |
| 14.3 | 43.5 | 4061.5 | 625.0 | -2.0 | -2.8 | 196.5 | 12.2 | 3.9 | 11.6 | 310.2 | 324.7 | 5.0 | 94.4 | 6.8 333. | |
| 15.1 | 46.3 | 4395.8 | 600.0 | -3.2 | -4.0 | 221.3 | 12.1 | 8.0 | 9.1 | 312.4 | 326.5 | 4.8 | 94.5 | 7.3 339. | |
| 16.3 | 42.2 | 4722.3 | 575.0 | -4.7 | -5.5 | 235.3 | 10.9 | 9.0 | 6.2 | 314.5 | 327.7 | 4.4 | 93.7 | 7.6 349. | |
| 17.4 | 52.1 | 5071.6 | 550.0 | -6.5 | -7.3 | 243.6 | 10.9 | 9.8 | 4.9 | 316.4 | 328.6 | 4.0 | 93.7 | 7.6 349. | |
| 18.7 | 55.3 | 5414.7 | 525.0 | -9.3 | -9.2 | 245.6 | 11.8 | 10.6 | 4.9 | 316.4 | 329.6 | 3.6 | 93.3 | 8.3 356. | |
| 19.9 | 58.4 | 5812.3 | 500.0 | -10.8 | -11.6 | 246.0 | 12.9 | 11.8 | 5.3 | 319.9 | 330.5 | 2.7 | 91.0 | 8.9 7. | |
| 21.1 | 61.5 | 6205.6 | 475.0 | -13.0 | -14.1 | 246.3 | 13.3 | 12.0 | 5.8 | 321.9 | 331.6 | 2.3 | 89.5 | 9.5 13. | |
| 22.5 | 64.8 | 6516.2 | 450.0 | -15.5 | -16.8 | 243.6 | 12.9 | 11.5 | 5.7 | 323.8 | 331.1 | 2.3 | 89.5 | 10.1 17. | |
| 23.4 | 69.0 | 7045.5 | 425.0 | -19.3 | -19.8 | 245.7 | 10.5 | 9.5 | 4.3 | 325.5 | 331.6 | 1.9 | 87.7 | 10.6 20. | |
| 25.2 | 71.5 | 7495.4 | 400.0 | -21.7 | -23.4 | 262.5 | 9.2 | 9.2 | 1.2 | 326.7 | 331.6 | 1.4 | 85.0 | 10.6 20. | |
| 26.4 | 75.1 | 7967.8 | 375.0 | -25.0 | -27.0 | 279.7 | 9.9 | 9.6 | -1.7 | 328.5 | 332.3 | 1.1 | 83.1 | 11.0 29. | |
| 28.2 | 78.9 | 8465.4 | 350.0 | -29.1 | -31.5 | 287.9 | 9.5 | 9.0 | -2.9 | 329.6 | 332.3 | 0.8 | 79.8 | 11.0 29. | |
| 29.9 | 82.6 | 8791.1 | 325.0 | -31.3 | -36.3 | 286.8 | 10.6 | 10.2 | -3.1 | 330.8 | 332.7 | 0.5 | 73.8 | 11.3 34. | |
| 31.7 | 86.7 | 9547.5 | 300.0 | -34.0 | -42.0 | 279.3 | 11.2 | 11.0 | -1.6 | 331.8 | 332.9 | 0.3 | 65.5 | 11.7 40. | |
| 33.9 | 91.0 | 10140.0 | 275.0 | -37.7 | -49.2 | 281.6 | 12.8 | 12.5 | -2.6 | 332.0 | 332.9 | 0.3 | 65.5 | 12.5 45. | |
| 35.4 | 95.4 | 10773.3 | 250.0 | -49.2 | 99.9 | 279.7 | 16.6 | 16.3 | -2.8 | 332.9 | 332.9 | 99.9 | 999.9 | 13.6 52. | |
| 38.1 | 100.2 | 11455.3 | 225.0 | -55.6 | 99.9 | 273.6 | 23.1 | 23.0 | -1.4 | 333.3 | 333.3 | 99.9 | 999.9 | 15.6 59. | |
| 40.5 | 105.2 | 12196.4 | 200.0 | -62.1 | 99.9 | 269.3 | 23.9 | 24.4 | 0.3 | 333.5 | 333.5 | 99.9 | 999.9 | 18.4 64. | |
| 43.2 | 110.6 | 13015.8 | 175.0 | -61.3 | 99.9 | 269.5 | 24.4 | 24.4 | 0.2 | 348.8 | 339.9 | 99.9 | 999.9 | 22.7 68. | |
| 46.3 | 116.9 | 13374.9 | 150.0 | -62.2 | 99.9 | 270.1 | 19.9 | 19.9 | -0.0 | 362.9 | 339.9 | 99.9 | 999.9 | 26.7 71. | |
| 50.9 | 123.1 | 15092.4 | 125.0 | -65.9 | 99.9 | 274.3 | 22.6 | 22.5 | -1.7 | 375.6 | 339.9 | 99.9 | 999.9 | 31.7 75. | |
| 55.6 | 130.7 | 16442.7 | 100.0 | -68.6 | 99.9 | 293.9 | 17.7 | 16.2 | -7.2 | 429.2 | 339.9 | 99.9 | 999.9 | 37.3 79. | |
| 61.4 | 139.3 | 18142.9 | 75.0 | -69.6 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 240
LAKE CHARLES, LOUISIANA
20 APRIL 1979
600 GMT

| TIME MIN | CNTCT | HEIGHT GPH | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RM PCT | 128 KV | 99. 0 AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-----------|-------------------|
| 0.0 | 4.9 | 5.0 | 1016.1 | 21.1 | 20.0 | 130.0 | 3.6 | -2.0 | 2.3 | 292.9 | 332.4 | 15.4 | 98.0 | 0.0 | 0. |
| 0.5 | 6.3 | 143.7 | 1000.0 | 20.2 | 18.9 | 134.0 | 10.5 | -7.6 | 7.3 | 293.4 | 329.3 | 13.9 | 92.4 | 0.3 | 305. |
| 1.3 | 8.5 | 382.4 | 975.0 | 18.6 | 17.3 | 137.0 | 11.3 | -7.7 | 8.3 | 293.9 | 327.2 | 12.9 | 92.2 | 0.7 | 311. |
| 2.1 | 10.8 | 585.6 | 950.0 | 17.8 | 16.4 | 142.4 | 11.1 | -6.0 | 8.0 | 295.2 | 327.0 | 12.5 | 91.8 | 1.3 | 315. |
| 2.9 | 13.1 | 913.5 | 925.0 | 15.6 | 15.3 | 147.2 | 11.0 | -6.0 | 9.3 | 295.3 | 324.7 | 11.2 | 91.9 | 1.8 | 318. |
| 3.7 | 15.4 | 1046.4 | 900.0 | 14.4 | 13.1 | 151.9 | 11.2 | -5.3 | 9.9 | 296.3 | 324.4 | 10.6 | 91.8 | 2.3 | 321. |
| 4.5 | 17.7 | 1248.6 | 875.0 | 13.3 | 11.9 | 155.1 | 9.5 | -4.0 | 8.6 | 297.6 | 324.5 | 10.1 | 91.7 | 2.8 | 323. |
| 5.3 | 20.1 | 1529.4 | 850.0 | 11.6 | 9.8 | 152.7 | 7.3 | -3.4 | 6.5 | 298.3 | 322.5 | 9.0 | 88.5 | 3.2 | 325. |
| 6.2 | 22.5 | 1779.0 | 825.0 | 11.0 | 9.6 | 150.2 | 7.0 | -3.5 | 6.0 | 300.2 | 325.0 | 9.2 | 91.3 | 3.6 | 325. |
| 7.1 | 25.0 | 2035.5 | 800.0 | 8.9 | 7.2 | 150.8 | 7.9 | -3.9 | 6.9 | 300.6 | 322.6 | 8.0 | 89.3 | 4.0 | 326. |
| 8.0 | 27.4 | 2299.5 | 775.0 | 9.6 | 6.8 | 154.2 | 8.6 | -3.7 | 7.7 | 303.0 | 322.5 | 7.0 | 77.3 | 4.4 | 326. |
| 8.9 | 30.0 | 2570.3 | 750.0 | 7.1 | 1.3 | 161.6 | 9.4 | -3.0 | 8.9 | 304.3 | 320.2 | 5.6 | 66.7 | 4.9 | 327. |
| 10.0 | 32.6 | 2849.0 | 725.0 | 5.4 | 0.5 | 169.4 | 10.6 | -2.0 | 10.4 | 305.4 | 321.1 | 5.5 | 70.7 | 5.5 | 330. |
| 11.0 | 35.2 | 3135.1 | 700.0 | 3.1 | -0.1 | 177.7 | 12.0 | -0.5 | 11.9 | 306.0 | 321.5 | 5.4 | 79.2 | 6.1 | 332. |
| 12.0 | 37.9 | 3429.1 | 675.0 | 0.7 | -0.9 | 181.4 | 14.5 | 0.4 | 14.5 | 306.5 | 321.7 | 5.3 | 88.4 | 6.9 | 335. |
| 13.1 | 40.6 | 3731.7 | 650.0 | -0.9 | -2.2 | 185.1 | 14.8 | 0.4 | 14.8 | 307.9 | 322.5 | 5.0 | 91.3 | 7.8 | 339. |
| 14.3 | 43.2 | 4044.4 | 625.0 | -2.2 | -3.4 | 193.3 | 12.3 | 2.8 | 12.0 | 309.9 | 323.9 | 4.8 | 91.7 | 8.6 | 342. |
| 15.6 | 46.1 | 4368.5 | 600.0 | -3.4 | -4.6 | 206.5 | 12.9 | 5.6 | 11.5 | 312.1 | 325.6 | 4.5 | 91.6 | 9.3 | 345. |
| 16.8 | 49.0 | 4704.4 | 575.0 | -5.2 | -6.4 | 211.1 | 16.3 | 8.4 | 11.0 | 313.9 | 326.2 | 4.1 | 91.3 | 10.2 | 350. |
| 18.1 | 51.9 | 5114.7 | 550.0 | -7.1 | -9.4 | 218.1 | 16.7 | 10.3 | 13.1 | 315.6 | 326.9 | 3.7 | 90.5 | 11.1 | 354. |
| 19.5 | 54.7 | 5514.7 | 525.0 | -9.0 | -10.3 | 227.8 | 16.9 | 12.6 | 11.4 | 317.6 | 327.0 | 3.3 | 90.1 | 12.1 | 359. |
| 21.1 | 58.0 | 5791.1 | 500.0 | -11.1 | -12.5 | 230.3 | 16.3 | 14.0 | 8.3 | 319.5 | 328.6 | 2.9 | 89.3 | 13.1 | 3. |
| 22.6 | 61.1 | 6134.0 | 475.0 | -13.0 | -14.5 | 240.5 | 16.1 | 14.8 | 6.4 | 321.9 | 330.3 | 2.4 | 88.3 | 13.9 | 10. |
| 24.0 | 64.4 | 6574.4 | 450.0 | -15.8 | -17.5 | 250.7 | 15.0 | 14.2 | 4.9 | 323.4 | 330.3 | 2.1 | 86.2 | 14.6 | 15. |
| 25.5 | 67.7 | 7023.5 | 425.0 | -19.7 | -20.7 | 253.3 | 11.2 | 10.9 | 2.9 | 325.0 | 330.7 | 1.7 | 84.2 | 15.3 | 18. |
| 27.0 | 71.1 | 7473.0 | 400.0 | -21.7 | -24.1 | 263.4 | 7.6 | 7.6 | 0.6 | 326.7 | 331.3 | 1.4 | 81.4 | 15.7 | 21. |
| 28.6 | 74.7 | 7945.0 | 375.0 | -25.6 | -28.4 | 272.0 | 5.5 | 5.5 | -0.3 | 327.7 | 331.0 | 1.0 | 77.4 | 15.9 | 23. |
| 30.2 | 78.3 | 8441.8 | 350.0 | -29.2 | -32.5 | 249.5 | 6.3 | 5.9 | 3.2 | 329.4 | 331.8 | 0.7 | 72.7 | 16.2 | 25. |
| 31.9 | 82.2 | 8956.5 | 325.0 | -33.8 | -37.6 | 245.4 | 8.8 | 8.0 | 3.6 | 330.2 | 331.8 | 0.5 | 69.1 | 16.7 | 26. |
| 33.6 | 86.2 | 9522.4 | 300.0 | -38.2 | -42.3 | 245.6 | 12.1 | 11.1 | 5.0 | 331.6 | 332.7 | 0.3 | 64.7 | 17.6 | 28. |
| 35.6 | 90.4 | 10114.4 | 275.0 | -43.6 | -47.9 | 248.4 | 12.7 | 11.8 | 4.7 | 332.1 | 332.8 | 0.0 | 60.9 | 18.8 | 31. |
| 37.5 | 94.8 | 10747.3 | 250.0 | -49.3 | -53.9 | 250.9 | 10.7 | 10.5 | 2.1 | 332.8 | 333.6 | 0.0 | 59.9 | 19.8 | 34. |
| 39.8 | 99.6 | 11428.9 | 225.0 | -55.4 | -59.9 | 260.8 | 14.0 | 13.8 | 2.2 | 333.6 | 335.2 | 0.0 | 59.9 | 21.0 | 37. |
| 42.3 | 104.8 | 12169.4 | 200.0 | -61.6 | -65.9 | 266.4 | 16.4 | 16.4 | 1.0 | 335.2 | 337.4 | 0.0 | 59.9 | 22.6 | 41. |
| 44.3 | 110.3 | 12952.1 | 175.0 | -67.2 | -71.5 | 271.5 | 23.3 | 23.3 | -0.6 | 337.4 | 339.9 | 0.0 | 59.9 | 24.3 | 46. |
| 47.5 | 116.3 | 13933.6 | 150.0 | -59.0 | -65.9 | 279.5 | 25.4 | 25.0 | -4.2 | 368.4 | 368.4 | 0.0 | 59.9 | 27.7 | 53. |
| 50.3 | 123.0 | 15062.0 | 125.0 | -65.5 | -69.9 | 299.9 | 99.9 | 99.9 | 99.9 | 376.4 | 399.9 | 99.9 | 99.9 | 30.0 | 59. |
| 53.7 | 130.7 | 16403.3 | 100.0 | -69.5 | -69.9 | 299.9 | 99.9 | 99.9 | 99.9 | 393.5 | 399.9 | 99.9 | 99.9 | 30.0 | 99. |
| 99.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 240
LAKE CHARLES, LOUISIANA
20 APRIL 1979
900 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT Y DG K | WX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 5.0 | 5.0 | 1015.1 | 21.1 | 20.6 | 140.0 | 5.1 | -3.3 | 3.9 | 293.0 | 332.1 | 15.3 | 97.0 | 0.0 | 0. |
| 0.5 | 6.3 | 135.1 | 1000.0 | 20.0 | 19.1 | 999.9 | 99.9 | 99.9 | 99.9 | 293.2 | 329.4 | 14.1 | 94.5 | 999.9 | 999. |
| 1.2 | 8.5 | 353.8 | 975.0 | 18.7 | 17.7 | 999.9 | 99.9 | 99.9 | 99.9 | 294.0 | 328.3 | 13.3 | 94.1 | 999.9 | 999. |
| 1.7 | 13.7 | 577.3 | 950.0 | 19.0 | 16.5 | 999.9 | 99.9 | 99.9 | 99.9 | 295.4 | 328.4 | 12.6 | 91.6 | 999.9 | 999. |
| 2.5 | 13.0 | 805.7 | 925.0 | 16.4 | 15.1 | 999.9 | 99.9 | 99.9 | 99.9 | 296.1 | 327.1 | 11.8 | 91.8 | 999.9 | 999. |
| 3.1 | 15.4 | 1039.1 | 900.0 | 15.0 | 12.8 | 162.1 | 12.6 | -3.9 | 12.0 | 296.9 | 324.6 | 10.4 | 87.2 | 2.1 | 332. |
| 4.3 | 17.7 | 1277.8 | 875.0 | 13.4 | 10.6 | 162.6 | 13.1 | -3.9 | 12.5 | 297.7 | 322.4 | 9.2 | 83.2 | 2.9 | 335. |
| 5.2 | 20.1 | 1521.7 | 850.0 | 12.3 | 9.4 | 165.2 | 16.3 | -4.2 | 15.8 | 299.1 | 322.7 | 8.7 | 82.1 | 3.5 | 337. |
| 5.4 | 22.5 | 1772.4 | 825.0 | 11.4 | 8.6 | 170.9 | 16.3 | -2.6 | 16.1 | 300.6 | 323.9 | 8.5 | 82.8 | 4.3 | 338. |
| 6.4 | 25.0 | 2029.5 | 800.0 | 10.1 | 7.2 | 176.7 | 17.1 | -1.0 | 17.0 | 301.9 | 324.0 | 8.0 | 82.3 | 4.8 | 341. |
| 7.1 | 27.4 | 2293.6 | 775.0 | 8.8 | 6.1 | 172.8 | 19.9 | -2.5 | 17.7 | 303.2 | 324.4 | 7.6 | 83.1 | 5.5 | 342. |
| 7.6 | 33.0 | 2565.0 | 750.0 | 7.8 | 5.0 | 170.7 | 18.0 | -2.9 | 17.8 | 305.0 | 325.5 | 7.3 | 82.7 | 6.0 | 343. |
| 8.0 | 32.4 | 2344.5 | 725.0 | 5.9 | 2.7 | 168.0 | 19.2 | -4.0 | 18.8 | 305.9 | 324.2 | 6.5 | 80.2 | 6.5 | 344. |
| 8.4 | 35.1 | 3131.9 | 700.0 | 4.9 | 1.9 | 166.3 | 18.2 | -3.7 | 17.8 | 307.9 | 325.9 | 6.3 | 80.9 | 7.0 | 344. |
| 8.7 | 37.9 | 3428.1 | 675.0 | 2.9 | -0.2 | 171.9 | 13.6 | -1.9 | 13.5 | 308.9 | 325.1 | 5.6 | 80.0 | 7.4 | 344. |
| 9.1 | 43.4 | 3733.5 | 650.0 | 1.5 | -1.2 | 178.3 | 9.8 | -0.3 | 9.8 | 310.7 | 326.4 | 5.4 | 82.2 | 7.7 | 345. |
| 9.3 | 43.2 | 4049.4 | 625.0 | 0.4 | -2.3 | 181.3 | 10.2 | 0.2 | 10.2 | 313.0 | 328.3 | 5.2 | 81.8 | 7.9 | 345. |
| 10.3 | 45.9 | 4376.9 | 600.0 | -0.6 | -3.1 | 183.6 | 10.6 | 0.7 | 10.6 | 315.5 | 330.6 | 5.1 | 82.7 | 8.2 | 346. |
| 10.4 | 49.8 | 4716.8 | 575.0 | -1.9 | -4.9 | 193.4 | 8.9 | 2.1 | 8.6 | 317.6 | 339.9 | 99.9 | 999.9 | 8.5 | 346. |
| 11.3 | 51.7 | 5058.7 | 550.0 | -4.3 | -8.3 | 199.0 | 8.7 | 2.9 | 8.2 | 319.0 | 339.9 | 99.9 | 999.9 | 8.7 | 347. |
| 11.9 | 54.7 | 5432.8 | 525.0 | -7.2 | -9.9 | 202.6 | 8.6 | 3.3 | 7.9 | 319.8 | 339.9 | 99.9 | 999.9 | 9.9 | 349. |
| 12.3 | 57.4 | 5811.6 | 500.0 | -9.3 | -9.9 | 211.1 | 7.7 | 4.0 | 6.4 | 321.7 | 334.9 | 99.9 | 999.9 | 9.1 | 347. |
| 13.1 | 62.9 | 6295.1 | 475.0 | -12.7 | -9.9 | 216.6 | 7.7 | 4.6 | 6.2 | 322.3 | 339.9 | 99.9 | 999.9 | 9.4 | 351. |
| 14.0 | 64.1 | 6615.6 | 450.0 | -15.4 | -9.9 | 220.2 | 7.1 | 4.6 | 5.5 | 323.9 | 339.9 | 99.9 | 999.9 | 9.7 | 353. |
| 15.2 | 67.4 | 7044.6 | 425.0 | -19.4 | -9.9 | 217.3 | 8.8 | 5.3 | 7.0 | 325.4 | 339.9 | 99.9 | 999.9 | 10.0 | 354. |
| 16.0 | 70.9 | 7494.1 | 400.0 | -21.5 | -9.9 | 231.1 | 10.7 | 8.3 | 6.7 | 327.1 | 339.9 | 99.9 | 999.9 | 10.3 | 357. |
| 16.7 | 74.3 | 7967.6 | 375.0 | -24.5 | -9.9 | 230.5 | 13.7 | 10.6 | 8.7 | 329.2 | 339.9 | 99.9 | 999.9 | 10.7 | 360. |
| 18.6 | 78.0 | 8465.3 | 350.0 | -29.0 | -9.9 | 219.2 | 14.4 | 9.1 | 11.2 | 329.7 | 339.9 | 99.9 | 999.9 | 11.9 | 360. |
| 20.3 | 81.8 | 8991.3 | 325.0 | -33.2 | -9.9 | 221.6 | 16.1 | 10.7 | 12.0 | 331.0 | 339.9 | 99.9 | 999.9 | 13.1 | 360. |
| 22.3 | 85.4 | 9548.8 | 300.0 | -37.6 | -9.9 | 233.6 | 17.8 | 14.3 | 10.5 | 332.4 | 339.9 | 99.9 | 999.9 | 14.8 | 360. |
| 25.0 | 90.0 | 10142.6 | 275.0 | -42.8 | -9.9 | 244.2 | 18.0 | 16.2 | 7.8 | 333.2 | 339.9 | 99.9 | 999.9 | 16.8 | 360. |
| 29.2 | 94.4 | 10778.3 | 250.0 | -49.4 | -9.9 | 250.4 | 16.7 | 15.8 | 5.6 | 334.2 | 339.9 | 99.9 | 999.9 | 19.5 | 360. |
| 31.3 | 99.0 | 11451.4 | 225.0 | -55.0 | -9.9 | 254.4 | 22.4 | 21.6 | 6.0 | 334.2 | 339.9 | 99.9 | 999.9 | 21.7 | 350. |
| 33.6 | 104.0 | 12201.8 | 200.0 | -61.2 | -9.9 | 223.4 | 29.6 | 20.3 | 21.5 | 335.8 | 339.9 | 99.9 | 999.9 | 25.5 | 370. |
| 36.6 | 109.4 | 13016.1 | 175.0 | -66.6 | -9.9 | 243.5 | 28.8 | 25.8 | 12.9 | 340.0 | 339.9 | 99.9 | 999.9 | 30.3 | 390. |
| 39.7 | 115.3 | 13633.6 | 150.0 | -61.8 | -9.9 | 267.8 | 24.2 | 23.1 | -7.4 | 343.6 | 339.9 | 99.9 | 999.9 | 33.7 | 450. |
| 44.1 | 122.0 | 15037.5 | 125.0 | -64.1 | -9.9 | 279.0 | 20.0 | 19.8 | -3.1 | 378.9 | 339.9 | 99.9 | 999.9 | 36.6 | 540. |
| 99.9 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

° BY SPD MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
° BY SPD MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 240
 LAKE CHARLES, LOUISIANA

 20 APRIL 1979
 1150 GMT

147 19. 0

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | W/COMP M/SEC | POT T DEG K | E POT T DEG K | MAX WTD CM/KG | RM PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|----------------|------------------|------------------|-----------|-------------|-----------|
| 0.3 | 5.7 | 5.0 | 1015.1 | 18.9 | 18.4 | 110.0 | 3.1 | -2.9 | 290.8 | 324.7 | 13.3 | 97.0 | 0.0 | 0. |
| 0.4 | 6.9 | 134.1 | 1000.0 | 19.0 | 17.1 | 111.1 | 3.2 | -3.0 | 292.1 | 324.0 | 12.4 | 88.7 | 0.2 | 293. |
| 1.0 | 8.9 | 352.5 | 975.0 | 19.1 | 15.9 | 118.9 | 2.9 | -2.6 | 294.4 | 325.1 | 11.0 | 81.5 | 0.3 | 292. |
| 1.5 | 11.0 | 576.9 | 950.0 | 17.6 | 15.4 | 156.0 | 5.3 | -2.1 | 295.1 | 326.0 | 11.8 | 87.7 | 0.3 | 297. |
| 2.4 | 13.2 | 804.6 | 925.0 | 16.7 | 13.7 | 171.6 | 7.9 | -1.2 | 296.4 | 324.8 | 10.7 | 82.3 | 0.7 | 324. |
| 3.1 | 15.3 | 1039.1 | 900.0 | 15.0 | 12.1 | 181.3 | 6.8 | 0.2 | 297.0 | 323.5 | 10.0 | 82.9 | 1.0 | 334. |
| 3.6 | 17.5 | 1276.7 | 875.0 | 13.6 | 10.9 | 201.6 | 4.3 | 1.6 | 297.9 | 323.1 | 9.4 | 83.7 | 1.2 | 341. |
| 4.6 | 19.7 | 1520.9 | 850.0 | 12.4 | 9.4 | 258.9 | 3.8 | 3.8 | 299.2 | 322.9 | 8.8 | 81.6 | 1.2 | 347. |
| 5.4 | 22.0 | 1771.8 | 825.0 | 11.8 | 8.5 | 262.5 | 5.9 | 5.9 | 301.1 | 324.2 | 8.5 | 80.2 | 1.2 | 358. |
| 6.2 | 24.3 | 2029.3 | 800.0 | 10.5 | 6.7 | 245.4 | 8.7 | 7.9 | 302.4 | 323.7 | 7.7 | 76.9 | 1.3 | 11. |
| 7.0 | 26.5 | 2293.5 | 775.0 | 8.6 | 6.1 | 238.6 | 11.8 | 10.1 | 303.1 | 324.4 | 7.7 | 86.5 | 1.7 | 25. |
| 8.2 | 28.9 | 2564.2 | 750.0 | 6.2 | 5.1 | 237.5 | 13.0 | 10.9 | 303.3 | 323.7 | 7.4 | 92.8 | 2.1 | 31. |
| 9.1 | 31.6 | 2862.0 | 725.0 | 4.4 | 3.4 | 233.5 | 13.0 | 11.6 | 304.3 | 323.3 | 6.8 | 93.6 | 2.5 | 37. |
| 9.8 | 36.1 | 3127.8 | 700.0 | 3.1 | 2.2 | 250.6 | 13.3 | 12.5 | 305.9 | 324.1 | 6.4 | 93.8 | 3.1 | 43. |
| 10.6 | 38.4 | 3422.1 | 675.0 | 1.5 | 0.6 | 255.1 | 14.3 | 13.9 | 307.3 | 324.2 | 5.9 | 93.7 | 3.7 | 48. |
| 11.4 | 41.1 | 3725.9 | 650.0 | -0.3 | -1.2 | 258.1 | 15.0 | 14.7 | 308.6 | 324.2 | 5.4 | 94.0 | 4.3 | 52. |
| 12.3 | 43.7 | 4039.3 | 625.0 | -1.8 | -2.5 | 260.5 | 14.0 | 13.6 | 310.5 | 325.3 | 5.1 | 94.4 | 4.9 | 56. |
| 13.4 | 46.3 | 4363.7 | 600.0 | -3.7 | -4.5 | 263.1 | 14.1 | 14.0 | 311.8 | 325.3 | 4.6 | 94.6 | 5.6 | 59. |
| 14.5 | 49.1 | 4699.0 | 575.0 | -5.8 | -6.6 | 266.3 | 12.2 | 12.2 | 313.2 | 325.4 | 4.1 | 94.1 | 6.4 | 63. |
| 15.6 | 51.9 | 5038.9 | 550.0 | -7.2 | -8.2 | 260.3 | 11.3 | 11.1 | 315.4 | 326.9 | 3.8 | 92.6 | 7.1 | 65. |
| 16.9 | 54.7 | 5385.5 | 525.0 | -9.1 | -11.0 | 255.9 | 11.0 | 10.7 | 317.5 | 327.2 | 3.1 | 85.7 | 7.9 | 66. |
| 17.9 | 57.6 | 5785.5 | 500.0 | -11.1 | -19.1 | 253.4 | 11.8 | 11.3 | 319.5 | 325.0 | 1.7 | 51.5 | 8.6 | 67. |
| 18.9 | 60.4 | 6177.1 | 475.0 | -14.7 | -15.8 | 250.5 | 13.1 | 12.3 | 319.8 | 327.3 | 2.4 | 51.6 | 9.6 | 67. |
| 20.1 | 63.6 | 6595.5 | 450.0 | -16.4 | -24.1 | 255.8 | 12.7 | 12.3 | 322.6 | 326.7 | 1.2 | 51.6 | 10.3 | 68. |
| 21.3 | 66.9 | 7013.4 | 425.0 | -18.7 | -24.4 | 257.9 | 11.6 | 11.3 | 325.0 | 329.2 | 1.2 | 60.3 | 11.1 | 69. |
| 22.4 | 70.1 | 7462.7 | 400.0 | -22.1 | -25.9 | 248.6 | 11.7 | 10.9 | 326.3 | 330.1 | 1.1 | 70.9 | 11.8 | 69. |
| 23.6 | 73.6 | 7914.7 | 375.0 | -25.0 | -29.1 | 241.6 | 12.0 | 6.1 | 328.5 | 331.7 | 0.9 | 65.3 | 12.8 | 69. |
| 24.7 | 77.1 | 8325.5 | 350.0 | -28.8 | -30.9 | 233.9 | 12.1 | 9.8 | 329.9 | 332.8 | 0.8 | 81.9 | 13.0 | 68. |
| 25.3 | 80.8 | 8757.4 | 325.0 | -34.3 | -41.1 | 237.9 | 11.7 | 9.9 | 329.4 | 330.6 | 0.3 | 43.9 | 14.3 | 67. |
| 26.7 | 84.7 | 9111.6 | 300.0 | -39.0 | -49.6 | 243.1 | 12.0 | 10.7 | 330.4 | 330.9 | 0.1 | 31.2 | 15.8 | 67. |
| 28.3 | 88.8 | 9511.6 | 275.0 | -43.7 | -59.9 | 248.8 | 16.1 | 15.0 | 332.0 | 330.9 | 99.9 | 99.9 | 17.1 | 67. |
| 29.7 | 91.2 | 10122.4 | 250.0 | -49.6 | -69.9 | 252.8 | 17.8 | 17.8 | 332.4 | 330.9 | 99.9 | 99.9 | 18.6 | 67. |
| 31.5 | 97.4 | 11415.9 | 225.0 | -55.2 | -79.9 | 252.6 | 22.4 | 21.6 | 333.9 | 330.9 | 99.9 | 99.9 | 20.4 | 68. |
| 33.5 | 103.0 | 12158.0 | 200.0 | -60.9 | -89.9 | 258.3 | 26.5 | 25.9 | 336.3 | 330.9 | 99.9 | 99.9 | 23.4 | 69. |
| 35.5 | 109.5 | 12975.9 | 175.0 | -65.5 | -99.9 | 250.3 | 24.7 | 24.7 | 341.9 | 330.9 | 99.9 | 99.9 | 26.7 | 69. |
| 37.9 | 108.5 | 13933.9 | 150.0 | -60.0 | -99.9 | 274.6 | 22.1 | 22.0 | 366.7 | 330.9 | 99.9 | 99.9 | 30.4 | 70. |
| 40.8 | 114.5 | 15063.5 | 125.0 | -63.1 | -99.9 | 282.1 | 20.9 | -4.4 | 380.8 | 330.9 | 99.9 | 99.9 | 33.3 | 74. |
| 46.5 | 121.3 | 16419.9 | 100.0 | -66.9 | -99.9 | 275.9 | 16.8 | -1.7 | 398.5 | 330.9 | 99.9 | 99.9 | 37.6 | 77. |
| 49.0 | 129.3 | 18135.6 | 75.0 | -69.4 | -99.9 | 282.0 | 17.2 | -3.7 | 427.0 | 330.9 | 99.9 | 99.9 | 41.2 | 78. |
| 54.9 | 138.3 | 23577.3 | 50.0 | -83.7 | -99.9 | 316.9 | 9.5 | -6.5 | 493.4 | 330.9 | 99.9 | 99.9 | 45.0 | 83. |
| 63.9 | 148.5 | 25016.6 | 25.0 | -89.7 | -99.9 | 168.8 | 4.5 | -1.4 | 642.0 | 330.9 | 99.9 | 99.9 | 45.6 | 85. |

 * BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 * BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 247
LONGVIEW, TEXAS

19 APRIL 1979
1100 GMT

| TIME MIN | CNCT | HEIGHT GPN | PRES MB | TEMP CG C | DEW PT CG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POI T DG K | E POT T DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 6.6 | 124.0 | 1003.5 | 15.6 | 11.6 | 100.0 | 2.1 | -2.1 | 0.4 | 288.5 | 310.6 | 8.6 | 77.0 | 0.0 | 0.0 |
| 0.2 | 6.9 | 153.7 | 1000.0 | 15.5 | 11.6 | 999.9 | 99.9 | 99.9 | 99.9 | 288.6 | 310.6 | 10.1 | 91.1 | 999.9 | 999.9 |
| 1.0 | 9.2 | 369.9 | 975.0 | 16.4 | 16.4 | 999.9 | 99.9 | 99.9 | 99.9 | 291.7 | 322.9 | 12.1 | 100.4 | 999.9 | 999.9 |
| 1.7 | 11.5 | 591.7 | 950.0 | 15.8 | 15.7 | 999.9 | 99.9 | 99.9 | 99.9 | 293.2 | 324.0 | 11.9 | 99.3 | 999.9 | 999.9 |
| 2.5 | 13.7 | 918.5 | 925.0 | 14.6 | 14.6 | 999.9 | 99.9 | 99.9 | 99.9 | 294.4 | 324.2 | 11.4 | 99.2 | 1.4 | 352.0 |
| 3.3 | 16.1 | 1050.6 | 900.0 | 13.5 | 9.6 | 188.2 | 8.8 | 1.3 | 6.7 | 295.4 | 317.7 | 6.4 | 77.4 | 1.9 | 353.0 |
| 4.2 | 18.5 | 1287.9 | 875.0 | 12.7 | 6.5 | 195.5 | 5.7 | 1.5 | 5.5 | 297.0 | 315.9 | 7.0 | 65.9 | 2.2 | 357.0 |
| 5.2 | 20.9 | 1531.4 | 850.0 | 12.0 | 6.7 | 181.1 | 6.2 | 0.1 | 6.2 | 297.7 | 318.6 | 7.3 | 70.0 | 2.6 | 358.0 |
| 6.1 | 23.4 | 1791.1 | 825.0 | 10.6 | 2.5 | 194.1 | 4.4 | 1.1 | 4.2 | 299.8 | 315.3 | 5.6 | 57.3 | 2.9 | 358.0 |
| 7.1 | 25.9 | 2337.5 | 800.0 | 10.0 | 9.0 | 240.1 | 2.9 | 2.5 | 1.5 | 301.8 | 319.5 | 6.4 | 66.1 | 3.0 | 0.0 |
| 8.0 | 29.4 | 2391.3 | 775.0 | 8.5 | 3.6 | 238.8 | 3.5 | 3.0 | 1.8 | 303.0 | 320.9 | 6.4 | 71.2 | 3.1 | 0.0 |
| 9.0 | 33.5 | 2571.7 | 750.0 | 6.5 | -1.5 | 230.4 | 3.0 | 2.3 | 1.9 | 303.6 | 318.7 | 4.6 | 55.8 | 3.2 | 7.0 |
| 10.0 | 36.1 | 3135.0 | 725.0 | 4.8 | -4.3 | 211.6 | 1.7 | 0.9 | 0.6 | 306.7 | 315.8 | 3.4 | 51.8 | 3.3 | 8.0 |
| 11.0 | 38.6 | 3429.9 | 700.0 | 3.8 | -6.3 | 244.3 | 1.4 | 1.2 | 0.6 | 308.2 | 312.0 | 2.9 | 43.9 | 3.4 | 10.0 |
| 12.1 | 41.6 | 3733.8 | 675.0 | 2.3 | -9.7 | 277.5 | 2.3 | 2.3 | -0.3 | 308.2 | 317.5 | 2.8 | 46.2 | 3.4 | 13.0 |
| 13.3 | 44.3 | 4047.1 | 625.0 | 0.2 | -10.0 | 293.6 | 2.6 | 2.3 | -1.0 | 308.2 | 317.5 | 2.5 | 47.3 | 3.4 | 16.0 |
| 14.5 | 47.1 | 4370.2 | 600.0 | -4.2 | -11.8 | 301.8 | 2.5 | 2.1 | -1.3 | 310.1 | 317.6 | 2.1 | 48.5 | 3.3 | 19.0 |
| 15.5 | 50.0 | 4704.2 | 575.0 | -7.0 | -14.5 | 293.7 | 2.9 | 2.7 | -1.2 | 311.3 | 317.7 | 2.1 | 48.5 | 3.3 | 23.0 |
| 16.5 | 53.0 | 5049.9 | 550.0 | -9.0 | -16.8 | 290.1 | 2.5 | 2.4 | -0.9 | 311.8 | 317.4 | 1.8 | 45.4 | 3.4 | 25.0 |
| 17.2 | 56.1 | 5408.2 | 525.0 | -11.3 | -16.4 | 255.8 | 1.7 | 1.7 | 0.4 | 313.4 | 312.4 | 1.9 | 54.9 | 3.4 | 25.0 |
| 18.4 | 59.1 | 5781.2 | 500.0 | -12.5 | -22.7 | 223.2 | 3.2 | 2.2 | 2.3 | 314.9 | 318.7 | 1.2 | 58.3 | 3.5 | 26.0 |
| 19.2 | 62.4 | 6170.8 | 475.0 | -14.4 | -27.9 | 246.5 | 2.8 | 2.6 | 1.1 | 317.8 | 317.9 | 0.0 | 1.0 | 3.8 | 28.0 |
| 20.4 | 65.7 | 6575.9 | 450.0 | -19.3 | -59.7 | 283.5 | 2.2 | 2.2 | -0.5 | 318.9 | 319.0 | 0.0 | 1.0 | 3.8 | 30.0 |
| 21.6 | 69.1 | 6997.4 | 425.0 | -23.5 | -62.2 | 306.0 | 1.9 | 1.5 | -1.1 | 319.3 | 319.1 | 0.0 | 1.0 | 3.9 | 33.0 |
| 22.9 | 72.6 | 7418.7 | 400.0 | -25.2 | -66.0 | 325.2 | 3.6 | 2.1 | -3.0 | 318.9 | 319.0 | 0.0 | 2.4 | 3.8 | 36.0 |
| 24.4 | 76.1 | 7904.9 | 375.0 | -29.1 | -67.9 | 284.9 | 11.5 | 11.1 | -3.0 | 322.3 | 322.3 | 0.0 | 1.0 | 3.7 | 44.0 |
| 25.1 | 80.0 | 8195.9 | 350.0 | -31.8 | -70.3 | 280.8 | 15.8 | 15.5 | -3.0 | 324.5 | 324.5 | 0.0 | 1.0 | 4.2 | 52.0 |
| 26.9 | 84.0 | 8468.3 | 300.0 | -35.4 | -72.7 | 280.1 | 20.0 | 19.7 | -3.5 | 325.9 | 326.0 | 0.0 | 1.0 | 5.3 | 68.0 |
| 27.9 | 88.0 | 8756.9 | 275.0 | -44.7 | -75.5 | 278.5 | 25.0 | 24.7 | -3.7 | 327.9 | 328.0 | 0.0 | 1.0 | 7.1 | 76.0 |
| 29.4 | 92.2 | 10356.9 | 250.0 | -50.1 | 99.9 | 278.3 | 30.3 | 28.1 | -4.7 | 330.4 | 999.9 | 99.9 | 999.9 | 12.7 | 87.0 |
| 30.4 | 96.8 | 10566.8 | 225.0 | -54.8 | 99.9 | 275.8 | 30.4 | 30.0 | -4.4 | 331.6 | 999.9 | 99.9 | 999.9 | 17.0 | 90.0 |
| 31.1 | 101.5 | 11167.5 | 200.0 | -60.8 | 99.9 | 272.1 | 30.6 | 30.3 | -3.1 | 334.5 | 999.9 | 99.9 | 999.9 | 21.9 | 91.0 |
| 32.6 | 107.1 | 12110.3 | 175.0 | -65.7 | 99.9 | 275.7 | 31.3 | 31.1 | -3.1 | 341.5 | 999.9 | 99.9 | 999.9 | 26.5 | 92.0 |
| 34.5 | 112.8 | 12328.0 | 150.0 | -62.5 | 99.9 | 274.4 | 25.2 | 24.3 | -6.4 | 362.1 | 999.9 | 99.9 | 999.9 | 32.2 | 92.0 |
| 35.1 | 119.9 | 13175.4 | 125.0 | -69.1 | 99.9 | 267.1 | 19.9 | 19.8 | -1.7 | 381.8 | 999.9 | 99.9 | 999.9 | 37.9 | 93.0 |
| 36.0 | 125.8 | 13304.6 | 100.0 | -69.2 | 99.9 | 268.3 | 15.4 | 14.7 | -4.0 | 427.8 | 999.9 | 99.9 | 999.9 | 47.7 | 93.0 |
| 37.7 | 134.0 | 16356.9 | 75.0 | -51.8 | 99.9 | 308.3 | 7.2 | 5.7 | -4.5 | 498.0 | 999.9 | 99.9 | 999.9 | 54.1 | 94.0 |
| 38.4 | 143.3 | 18069.4 | 50.0 | -46.7 | 99.9 | 262.8 | 2.5 | 2.5 | -0.6 | 850.4 | 999.9 | 99.9 | 999.9 | 58.5 | 96.0 |
| 39.0 | 145.0 | 25509.3 | 25.0 | -46.7 | 99.9 | 262.8 | 2.5 | 2.5 | -0.6 | 850.4 | 999.9 | 99.9 | 999.9 | 61.4 | 99.0 |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 247
 LONGVIEW, TEXAS

 19 APRIL 1979
 1400 GMT

| TIME 414 | CMTCY | HEIGHT GPM | PRES MB | TEMP DEG C | DCW PT DEG C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT Y DG K | E POT Y DG K | MX WTD GM/KG | RM PCY | 1CA K4 | 12. 0 DG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-----------|-------------|
| 0.0 | 6.0 | 124.0 | 1004.8 | 17.2 | 15.5 | 110.0 | 3.6 | -3.4 | 1.2 | 290.0 | 318.5 | 11.1 | 90.0 | 0.0 | 0.0 |
| 0.1 | 6.4 | 163.2 | 1000.0 | 17.1 | 15.9 | 99.9 | 99.9 | 99.9 | 99.9 | 290.0 | 319.0 | 11.4 | 92.5 | 999.9 | 999.9 |
| 0.2 | 8.3 | 381.8 | 975.0 | 17.0 | 16.7 | 999.9 | 99.9 | 99.9 | 99.9 | 292.3 | 324.3 | 12.4 | 98.1 | 999.9 | 999.9 |
| 1.0 | 10.4 | 603.5 | 950.0 | 17.0 | 16.6 | 999.9 | 99.9 | 99.9 | 99.9 | 294.5 | 327.2 | 12.6 | 97.2 | 999.9 | 999.9 |
| 2.0 | 12.4 | 332.7 | 925.0 | 16.9 | 14.5 | 999.9 | 99.9 | 99.9 | 99.9 | 296.6 | 326.6 | 11.4 | 85.8 | 1.2 | 6.0 |
| 3.7 | 14.5 | 1348.8 | 902.0 | 16.4 | 13.1 | 221.2 | 5.0 | 3.3 | 3.7 | 293.4 | 326.7 | 10.6 | 80.7 | 1.5 | 12.0 |
| 4.6 | 16.7 | 1308.7 | 875.0 | 14.9 | 12.7 | 217.8 | 4.3 | 2.4 | 3.4 | 299.3 | 327.9 | 10.7 | 84.8 | 1.7 | 14.0 |
| 5.6 | 18.9 | 1552.3 | 850.0 | 14.4 | 7.6 | 199.2 | 5.4 | 1.8 | 5.1 | 301.2 | 322.5 | 7.7 | 63.7 | 2.0 | 17.0 |
| 6.6 | 21.1 | 1904.4 | 825.0 | 13.2 | 5.8 | 201.1 | 4.8 | 1.7 | 4.5 | 302.6 | 322.2 | 7.1 | 60.7 | 2.3 | 18.0 |
| 7.6 | 23.3 | 2362.9 | 809.0 | 11.4 | 7.1 | 213.8 | 3.7 | 2.0 | 3.0 | 303.3 | 325.2 | 7.9 | 74.8 | 2.4 | 18.0 |
| 8.7 | 25.6 | 2327.9 | 771.0 | 9.3 | 8.4 | 206.6 | 3.0 | 1.4 | 2.7 | 303.9 | 320.7 | 9.0 | 94.0 | 2.7 | 19.0 |
| 9.7 | 29.0 | 2599.5 | 750.0 | 7.6 | 6.3 | 214.9 | 2.4 | 1.4 | 2.0 | 306.8 | 327.2 | 8.0 | 91.8 | 2.9 | 20.0 |
| 10.7 | 30.6 | 2579.2 | 725.0 | 6.5 | 2.6 | 209.4 | 2.3 | 1.1 | 2.0 | 306.6 | 324.6 | 6.4 | 76.0 | 3.0 | 21.0 |
| 11.7 | 32.8 | 3164.7 | 700.0 | 4.8 | -3.5 | 186.0 | 2.0 | 0.2 | 2.0 | 307.8 | 320.2 | 4.2 | 55.1 | 3.2 | 21.0 |
| 13.0 | 35.4 | 3462.2 | 675.0 | 2.5 | -5.6 | 135.2 | 0.9 | -0.6 | 0.6 | 308.5 | 319.5 | 3.7 | 54.8 | 3.3 | 20.0 |
| 14.1 | 38.0 | 3768.6 | 650.0 | 0.9 | -7.9 | 73.0 | 0.7 | -0.6 | -0.2 | 310.0 | 319.7 | 3.7 | 51.5 | 3.3 | 18.0 |
| 15.3 | 40.7 | 4090.8 | 625.0 | -1.3 | -9.4 | 153.0 | 0.4 | -0.2 | 0.4 | 310.8 | 319.9 | 3.0 | 54.9 | 3.2 | 18.0 |
| 16.6 | 43.3 | 4404.9 | 600.0 | -3.8 | -11.1 | 266.2 | 0.6 | 0.6 | -0.2 | 311.8 | 320.1 | 2.7 | 56.8 | 3.3 | 19.0 |
| 17.9 | 46.2 | 4734.4 | 575.0 | -6.3 | -13.8 | 242.3 | 1.5 | 1.3 | 0.7 | 312.6 | 319.6 | 2.3 | 55.3 | 3.3 | 22.0 |
| 19.3 | 49.1 | 5088.1 | 550.0 | -8.2 | -16.1 | 211.8 | 4.4 | 2.3 | 3.7 | 314.3 | 320.5 | 2.0 | 52.9 | 3.5 | 21.0 |
| 20.5 | 52.1 | 5446.6 | 525.0 | -8.0 | -55.5 | 222.2 | 6.5 | 4.4 | 4.8 | 317.8 | 318.0 | 0.0 | 1.0 | 3.9 | 23.0 |
| 21.9 | 55.1 | 5922.7 | 500.0 | -11.5 | -57.2 | 229.1 | 6.3 | 4.8 | 4.1 | 319.1 | 319.2 | 7.0 | 1.0 | 4.4 | 25.0 |
| 23.4 | 58.4 | 6213.5 | 475.0 | -14.9 | -59.4 | 230.4 | 5.4 | 4.2 | 3.5 | 319.6 | 320.2 | 0.1 | 3.6 | 5.3 | 30.0 |
| 25.0 | 61.7 | 6419.7 | 450.0 | -18.5 | -52.9 | 229.8 | 5.3 | 4.0 | 3.4 | 320.0 | 320.5 | 0.1 | 5.6 | 5.8 | 32.0 |
| 26.3 | 65.1 | 7342.8 | 425.0 | -22.5 | -51.6 | 242.9 | 4.9 | 4.3 | 2.2 | 320.2 | 322.6 | 0.0 | 1.0 | 6.1 | 36.0 |
| 30.0 | 72.4 | 7952.4 | 375.0 | -27.5 | -67.5 | 292.2 | 13.9 | 12.9 | -1.5 | 325.3 | 325.3 | 0.0 | 1.0 | 6.5 | 45.0 |
| 31.9 | 76.3 | 8445.9 | 350.0 | -30.4 | -43.1 | 267.1 | 21.7 | 23.7 | -0.4 | 327.7 | 328.7 | 0.3 | 30.3 | 7.5 | 59.0 |
| 33.3 | 80.4 | 8959.7 | 325.0 | -33.7 | -40.8 | 276.7 | 25.1 | 25.0 | -2.9 | 330.3 | 331.5 | 0.3 | 49.5 | 9.0 | 70.0 |
| 35.7 | 84.7 | 9525.5 | 300.0 | -38.4 | -42.9 | 271.3 | 25.9 | 25.9 | -0.6 | 331.3 | 332.3 | 0.3 | 62.0 | 12.4 | 76.0 |
| 37.5 | 89.2 | 10116.7 | 275.0 | -44.0 | 99.9 | 272.2 | 26.2 | 26.1 | -1.0 | 331.6 | 332.2 | 99.9 | 999.9 | 15.2 | 78.0 |
| 40.7 | 94.2 | 10744.4 | 250.0 | -49.7 | 99.9 | 280.8 | 27.8 | 27.4 | -0.8 | 332.2 | 332.2 | 99.9 | 999.9 | 18.6 | 82.0 |
| 42.0 | 99.4 | 11428.5 | 225.0 | -56.0 | 99.9 | 281.5 | 28.2 | 27.6 | -5.6 | 332.7 | 332.7 | 99.9 | 999.9 | 22.4 | 85.0 |
| 44.7 | 105.0 | 12167.9 | 200.0 | -60.9 | 99.9 | 276.1 | 23.2 | 23.1 | -2.6 | 336.3 | 336.3 | 99.9 | 999.9 | 26.4 | 87.0 |
| 47.7 | 111.3 | 12989.4 | 175.0 | -62.5 | 99.9 | 277.4 | 25.5 | 25.3 | -3.3 | 346.7 | 346.7 | 99.9 | 999.9 | 30.4 | 88.0 |
| 51.0 | 118.0 | 13948.3 | 150.0 | -61.1 | 99.9 | 282.0 | 24.9 | 24.4 | -5.2 | 364.8 | 364.8 | 99.9 | 999.9 | 35.4 | 90.0 |
| 54.8 | 125.7 | 15072.1 | 125.0 | -64.0 | 99.9 | 269.9 | 21.3 | 21.3 | 0.0 | 379.1 | 379.1 | 99.9 | 999.9 | 40.4 | 91.0 |
| 59.4 | 134.3 | 16424.1 | 100.0 | -67.6 | 99.9 | 282.4 | 21.2 | 20.7 | -4.5 | 407.1 | 407.1 | 99.9 | 999.9 | 46.1 | 91.0 |
| 64.9 | 144.0 | 18155.0 | 75.0 | -67.1 | 95.0 | 282.9 | 13.3 | 14.9 | -3.4 | 432.3 | 432.3 | 99.9 | 999.9 | 51.4 | 93.0 |
| 72.2 | 154.5 | 20631.5 | 50.0 | -59.4 | 99.9 | 305.4 | 6.4 | 5.2 | -3.7 | 503.7 | 503.7 | 99.9 | 999.9 | 55.9 | 95.0 |
| 80.0 | 165.4 | 25119.9 | 25.0 | -47.2 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 649.2 | 649.2 | 99.9 | 999.9 | 58.1 | 97.0 |

 0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 247
 LONGVIEW, TEXAS

 19 APRIL 1979
 1700 GMT

| TIME MIN | CHTCY | HEIGHT GPM | PRES IN | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DEG C | E POT T DEG C | MX RTO GM/KG | RM PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|-----------------|-----------|-------------|-----------|
| 0.0 | 6.5 | 124.0 | 305.1 | 21.6 | 16.6 | 120.0 | 4.6 | -6.0 | 2.3 | 298.3 | 325.3 | 11.9 | 73.0 | 0.0 | 0. |
| 0.3 | 5.9 | 153.3 | 300.0 | 21.4 | 17.6 | 99.9 | 99.9 | 99.9 | 99.9 | 298.6 | 327.9 | 12.8 | 78.9 | 999.9 | 999. |
| 1.2 | 9.3 | 387.9 | 925.0 | 19.5 | 18.2 | 999.9 | 99.9 | 99.9 | 99.9 | 298.8 | 330.2 | 13.6 | 92.0 | 999.9 | 999. |
| 2.1 | 11.5 | 611.8 | 920.0 | 18.3 | 17.2 | 999.9 | 99.9 | 99.9 | 99.9 | 299.0 | 330.1 | 13.2 | 93.3 | 999.9 | 999. |
| 3.1 | 13.9 | 840.8 | 925.0 | 16.9 | 15.8 | 999.9 | 99.9 | 99.9 | 99.9 | 299.6 | 329.0 | 13.3 | 93.5 | 1.3 | 354. |
| 3.9 | 16.4 | 1074.7 | 900.0 | 15.5 | 14.6 | 186.5 | 8.2 | 0.9 | 8.1 | 297.5 | 328.6 | 11.8 | 94.8 | 1.7 | 357. |
| 4.7 | 19.8 | 1313.6 | 875.0 | 14.0 | 13.1 | 186.7 | 6.9 | 0.6 | 6.9 | 298.3 | 327.4 | 10.9 | 94.6 | 2.1 | 359. |
| 5.7 | 21.3 | 1558.9 | 850.0 | 12.2 | 11.3 | 186.5 | 6.7 | 0.8 | 6.6 | 299.0 | 325.7 | 10.0 | 94.0 | 2.5 | 362. |
| 6.7 | 23.9 | 1878.5 | 825.0 | 11.2 | 6.8 | 195.7 | 5.6 | 1.5 | 5.4 | 300.4 | 321.2 | 7.6 | 75.1 | 2.0 | 1. |
| 7.7 | 26.3 | 2066.3 | 800.0 | 11.1 | 7.0 | 193.4 | 5.4 | 1.7 | 5.1 | 303.0 | 324.9 | 7.9 | 75.2 | 3.1 | 3. |
| 8.7 | 28.9 | 2330.8 | 775.0 | 6.9 | 7.4 | 199.8 | 6.3 | 2.1 | 5.9 | 303.3 | 326.5 | 8.4 | 90.6 | 3.5 | 6. |
| 9.7 | 31.4 | 2602.4 | 750.0 | 7.5 | 6.2 | 204.2 | 5.6 | 2.3 | 5.1 | 304.7 | 326.8 | 8.0 | 91.4 | 3.8 | 6. |
| 10.7 | 34.1 | 2881.8 | 725.0 | 6.8 | 0.5 | 212.1 | 4.7 | 2.5 | 4.0 | 306.9 | 323.6 | 5.5 | 65.0 | 4.1 | 8. |
| 11.4 | 36.9 | 3169.8 | 700.0 | 5.1 | -1.2 | 226.5 | 5.1 | 3.7 | 3.5 | 308.2 | 322.7 | 5.0 | 63.4 | 4.4 | 9. |
| 12.0 | 37.6 | 3455.8 | 675.0 | 2.9 | -2.8 | 235.1 | 5.9 | 4.8 | 3.4 | 309.9 | 322.4 | 4.6 | 66.4 | 4.7 | 13. |
| 14.0 | 42.3 | 3770.3 | 650.0 | 0.6 | -7.8 | 230.3 | 4.5 | 3.5 | 2.9 | 309.7 | 319.5 | 3.3 | 54.3 | 4.9 | 16. |
| 15.2 | 45.2 | 4086.2 | 625.0 | -1.6 | -9.6 | 235.6 | 3.3 | 2.4 | 2.3 | 310.6 | 319.5 | 3.0 | 54.3 | 5.2 | 17. |
| 16.5 | 48.1 | 4407.9 | 600.0 | -4.1 | -11.3 | 230.4 | 3.5 | 2.7 | 2.2 | 311.3 | 319.5 | 2.7 | 52.4 | 5.4 | 18. |
| 17.7 | 51.1 | 4742.2 | 575.0 | -6.7 | -12.6 | 234.8 | 4.6 | 3.7 | 2.6 | 312.1 | 319.9 | 2.5 | 52.9 | 5.6 | 20. |
| 19.0 | 54.1 | 5097.8 | 550.0 | -9.4 | -13.9 | 234.6 | 5.8 | 4.7 | 3.3 | 312.9 | 320.2 | 2.4 | 62.3 | 5.9 | 22. |
| 20.3 | 57.3 | 5466.0 | 525.0 | -11.3 | -17.0 | 238.9 | 6.7 | 5.7 | 3.4 | 314.9 | 315.3 | 0.1 | 64.3 | 6.4 | 25. |
| 21.7 | 60.4 | 5819.8 | 500.0 | -12.4 | -17.8 | 235.5 | 6.3 | 5.2 | 3.6 | 317.9 | 318.0 | 0.0 | 64.3 | 6.8 | 27. |
| 23.1 | 63.6 | 6210.0 | 475.0 | -14.6 | -19.2 | 229.2 | 5.3 | 4.0 | 3.5 | 319.4 | 320.0 | 0.0 | 64.3 | 7.3 | 29. |
| 24.7 | 67.0 | 6616.2 | 450.0 | -18.3 | -21.6 | 236.5 | 4.2 | 3.5 | 2.3 | 320.2 | 320.3 | 0.0 | 64.3 | 7.7 | 30. |
| 26.3 | 70.4 | 7040.8 | 425.0 | -20.6 | -23.1 | 255.2 | 5.6 | 5.4 | 1.4 | 322.5 | 322.6 | 0.0 | 64.3 | 8.0 | 32. |
| 27.9 | 74.3 | 7486.1 | 400.0 | -23.9 | -25.1 | 279.6 | 8.7 | 8.6 | -1.5 | 324.0 | 319.1 | 0.0 | 64.3 | 8.4 | 36. |
| 29.6 | 77.7 | 7955.3 | 375.0 | -25.6 | -32.0 | 279.8 | 15.3 | 15.1 | -2.6 | 327.7 | 324.9 | 0.6 | 43.7 | 8.9 | 41. |
| 31.2 | 81.7 | 8451.3 | 350.0 | -30.0 | -35.2 | 264.0 | 17.0 | 16.9 | 1.8 | 328.3 | 330.2 | 0.5 | 60.3 | 10.1 | 50. |
| 33.1 | 85.7 | 8924.5 | 325.0 | -34.5 | -39.8 | 263.2 | 16.7 | 16.5 | 2.0 | 329.2 | 330.5 | 0.4 | 50.1 | 11.8 | 53. |
| 34.9 | 89.5 | 9328.7 | 300.0 | -38.3 | -45.5 | 269.8 | 17.8 | 17.8 | 0.1 | 330.0 | 330.8 | 0.2 | 51.4 | 13.4 | 55. |
| 35.9 | 92.2 | 10118.6 | 275.0 | -44.5 | -49.9 | 276.3 | 18.7 | 18.6 | -2.1 | 330.8 | 999.9 | 99.9 | 99.9 | 15.2 | 63. |
| 37.1 | 96.8 | 10748.6 | 250.0 | -50.2 | -53.2 | 276.5 | 21.1 | 20.9 | -2.4 | 331.4 | 999.9 | 99.9 | 99.9 | 17.4 | 68. |
| 41.6 | 103.8 | 11427.5 | 225.0 | -55.9 | -59.9 | 271.2 | 25.5 | 25.5 | -0.5 | 332.8 | 999.9 | 99.9 | 99.9 | 20.6 | 72. |
| 44.1 | 107.3 | 12168.0 | 200.0 | -61.2 | -66.9 | 271.4 | 22.6 | 22.6 | -0.4 | 335.9 | 999.9 | 99.9 | 99.9 | 24.3 | 75. |
| 47.0 | 114.8 | 12990.7 | 175.0 | -65.1 | -69.9 | 273.5 | 24.4 | 24.4 | -1.5 | 347.5 | 999.9 | 99.9 | 99.9 | 27.8 | 78. |
| 50.2 | 121.0 | 13846.2 | 150.0 | -61.7 | -69.9 | 275.0 | 25.1 | 25.0 | -2.2 | 363.8 | 999.9 | 99.9 | 99.9 | 32.4 | 80. |
| 54.1 | 148.0 | 15074.5 | 125.0 | -63.2 | -69.9 | 264.9 | 24.9 | 24.8 | 2.2 | 380.5 | 999.9 | 99.9 | 99.9 | 38.3 | 81. |
| 54.6 | 135.7 | 16435.8 | 100.0 | -66.2 | -69.9 | 282.3 | 21.8 | 21.3 | -4.7 | 390.8 | 999.9 | 99.9 | 99.9 | 44.4 | 84. |
| 63.6 | 143.7 | 19147.9 | 75.0 | -67.2 | -69.9 | 282.3 | 17.8 | 15.5 | -3.4 | 432.0 | 999.9 | 99.9 | 99.9 | 49.7 | 85. |
| 70.5 | 155.0 | 20650.9 | 50.0 | -59.7 | -69.9 | 320.5 | 5.9 | 3.7 | -4.5 | 502.8 | 999.9 | 99.9 | 99.9 | 53.3 | 87. |
| 83.0 | 164.5 | 25109.3 | 25.0 | -43.4 | -69.9 | 999.9 | 99.9 | 99.9 | 99.9 | 660.8 | 999.9 | 99.9 | 99.9 | 55.4 | 88. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG

STATION NO. 247
LONGVIEW, TEXAS19 APRIL 1979
2000 GMT

162 10. 0

| TIME MIN | CHCT | HEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | W COMP M/SEC | V COMP M/SEC | POT T DEG C | E POT T DEG C | WZ RTO CM/KG | AM PCT | RANGE KM | AL DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|-----------------|-----------|-------------|-----------|
| 0.0 | 6.3 | 124.0 | 1002.0 | 24.4 | 19.7 | 180.0 | 3.6 | 0.0 | 3.6 | 297.3 | 335.5 | 14.0 | 75.0 | 0.0 | 0. |
| 0.1 | 6.5 | 140.0 | 1000.0 | 24.0 | 18.4 | 178.7 | 4.0 | -0.1 | 4.0 | 297.2 | 332.6 | 13.5 | 70.0 | 0.1 | 350. |
| 1.1 | 8.7 | 369.0 | 975.0 | 21.5 | 17.0 | 170.0 | 5.1 | -0.0 | 5.0 | 296.8 | 330.1 | 12.7 | 75.7 | 0.4 | 309. |
| 2.0 | 11.1 | 594.0 | 950.0 | 19.0 | 18.1 | 152.3 | 6.1 | -3.0 | 5.7 | 297.3 | 333.0 | 13.9 | 93.1 | 0.7 | 309. |
| 3.0 | 13.3 | 924.0 | 925.0 | 17.0 | 16.5 | 162.5 | 7.4 | -2.1 | 7.1 | 297.5 | 331.5 | 12.9 | 91.0 | 1.1 | 341. |
| 3.9 | 15.6 | 1059.2 | 900.0 | 16.0 | 15.2 | 174.2 | 7.0 | -0.7 | 7.0 | 298.0 | 330.3 | 12.2 | 95.2 | 1.5 | 344. |
| 4.7 | 18.0 | 1298.0 | 875.0 | 14.4 | 13.7 | 189.7 | 6.3 | 1.1 | 6.3 | 298.7 | 328.9 | 11.3 | 95.4 | 1.0 | 346. |
| 5.6 | 20.4 | 1544.1 | 850.0 | 13.1 | 12.4 | 172.5 | 5.6 | 1.2 | 5.5 | 299.9 | 328.0 | 10.8 | 95.5 | 2.1 | 351. |
| 6.6 | 22.7 | 1795.4 | 825.0 | 12.0 | 11.0 | 190.9 | 4.5 | 0.9 | 4.5 | 301.3 | 328.4 | 10.1 | 93.0 | 2.4 | 353. |
| 7.5 | 25.2 | 2253.2 | 800.0 | 10.5 | 9.4 | 204.3 | 4.9 | 2.0 | 4.5 | 302.4 | 327.9 | 9.3 | 93.0 | 2.6 | 356. |
| 8.5 | 27.7 | 2310.1 | 775.0 | 9.9 | 7.1 | 208.1 | 5.2 | 2.5 | 4.6 | 304.5 | 327.4 | 8.3 | 83.1 | 2.0 | 350. |
| 9.4 | 30.2 | 2590.6 | 750.0 | 8.0 | 5.2 | 209.9 | 5.3 | 2.6 | 4.6 | 305.3 | 326.1 | 7.4 | 82.5 | 3.1 | 1. |
| 10.3 | 32.7 | 2869.8 | 725.0 | 6.0 | 4.0 | 215.7 | 4.4 | 2.6 | 3.6 | 306.1 | 326.0 | 7.1 | 80.0 | 3.3 | 4. |
| 11.6 | 35.3 | 3156.6 | 700.0 | 4.0 | 1.7 | 221.0 | 3.9 | 2.6 | 2.9 | 307.0 | 323.6 | 5.7 | 80.5 | 3.6 | 0. |
| 12.6 | 37.9 | 3452.4 | 675.0 | 3.2 | -3.3 | 234.3 | 2.0 | 2.3 | 1.6 | 309.3 | 322.3 | 4.5 | 62.3 | 3.7 | 0. |
| 13.8 | 40.6 | 3757.7 | 650.0 | 1.0 | -5.4 | 246.9 | 2.9 | 2.7 | 1.3 | 310.1 | 321.0 | 3.9 | 61.9 | 3.9 | 11. |
| 15.2 | 43.3 | 4072.1 | 625.0 | -1.0 | -9.3 | 223.2 | 3.6 | 2.5 | 2.6 | 311.3 | 320.4 | 3.0 | 53.0 | 4.0 | 13. |
| 16.4 | 46.1 | 4346.3 | 600.0 | -2.0 | -10.7 | 223.3 | 4.2 | 2.9 | 3.1 | 311.8 | 320.4 | 2.8 | 58.5 | 4.3 | 15. |
| 17.6 | 49.0 | 4730.9 | 575.0 | -6.5 | -11.2 | 232.5 | 5.1 | 4.1 | 3.1 | 312.4 | 321.0 | 2.0 | 69.0 | 4.6 | 17. |
| 18.9 | 51.9 | 5077.0 | 550.0 | -7.7 | -12.8 | 246.0 | 6.2 | 5.7 | 2.5 | 314.9 | 315.1 | 0.0 | 1.0 | 4.9 | 21. |
| 20.2 | 54.9 | 5430.0 | 525.0 | -3.0 | -15.5 | 244.0 | 7.1 | 0.4 | 3.0 | 317.0 | 318.0 | 0.0 | 1.0 | 5.3 | 25. |
| 21.5 | 58.0 | 5814.6 | 500.0 | -10.6 | -16.0 | 237.0 | 7.9 | 6.7 | 4.3 | 320.1 | 320.3 | 0.0 | 1.0 | 5.8 | 28. |
| 22.9 | 61.1 | 6206.9 | 475.0 | -12.9 | -18.1 | 249.0 | 7.0 | 7.3 | 2.0 | 322.0 | 322.1 | 0.0 | 1.0 | 6.3 | 31. |
| 24.2 | 64.6 | 6617.5 | 450.0 | -15.2 | -19.0 | 250.4 | 9.4 | 9.2 | 2.2 | 324.2 | 324.4 | 0.1 | 2.4 | 6.8 | 35. |
| 25.5 | 67.7 | 7046.2 | 425.0 | -19.0 | -27.2 | 247.6 | 13.4 | 12.7 | 4.5 | 324.6 | 325.9 | 0.4 | 10.7 | 7.6 | 40. |
| 26.8 | 71.1 | 7404.2 | 400.0 | -21.8 | -27.2 | 247.6 | 16.1 | 14.9 | 6.1 | 325.7 | 328.0 | 1.0 | 67.0 | 8.1 | 43. |
| 29.4 | 74.7 | 7962.0 | 375.0 | -25.9 | -31.1 | 250.4 | 16.0 | 15.1 | 5.4 | 327.3 | 330.0 | 0.0 | 61.0 | 10.0 | 47. |
| 30.1 | 78.4 | 8461.1 | 350.0 | -29.0 | -34.0 | 247.9 | 18.6 | 16.6 | 6.8 | 328.4 | 330.2 | 0.1 | 50.0 | 11.6 | 53. |
| 31.9 | 82.3 | 8915.0 | 325.0 | -33.6 | -37.0 | 249.1 | 20.5 | 19.2 | 7.3 | 333.4 | 331.6 | 0.3 | 47.0 | 13.6 | 53. |
| 33.0 | 86.2 | 9341.0 | 300.0 | -38.1 | -46.0 | 246.4 | 19.0 | 18.2 | 7.0 | 331.7 | 332.5 | 0.2 | 42.7 | 15.0 | 55. |
| 35.9 | 90.3 | 10134.5 | 275.0 | -43.6 | -50.9 | 247.7 | 20.2 | 18.7 | 7.7 | 332.1 | 332.5 | 0.9 | 99.9 | 18.2 | 57. |
| 38.0 | 94.0 | 10760.5 | 250.0 | -49.6 | -54.0 | 249.0 | 20.0 | 18.0 | 6.9 | 332.3 | 332.9 | 0.9 | 99.9 | 20.0 | 58. |
| 40.2 | 97.0 | 11477.1 | 225.0 | -54.0 | -59.9 | 244.9 | 21.0 | 19.0 | 8.9 | 332.8 | 333.9 | 0.9 | 99.9 | 23.4 | 59. |
| 42.5 | 104.6 | 12185.5 | 200.0 | -62.1 | -69.9 | 247.1 | 23.7 | 21.0 | 9.2 | 334.4 | 334.4 | 0.9 | 99.9 | 26.6 | 63. |
| 45.1 | 110.0 | 13006.6 | 175.0 | -62.9 | -69.9 | 257.4 | 25.0 | 25.1 | 5.6 | 346.1 | 339.9 | 0.9 | 99.9 | 30.3 | 61. |
| 48.2 | 116.0 | 13753.1 | 150.0 | -62.7 | -69.9 | 265.2 | 27.1 | 27.0 | 2.3 | 342.1 | 339.0 | 0.9 | 99.9 | 34.0 | 64. |
| 51.7 | 122.7 | 15072.3 | 125.0 | -64.2 | -69.9 | 270.3 | 30.1 | 30.1 | -0.1 | 378.0 | 339.9 | 0.9 | 99.9 | 40.7 | 68. |
| 54.3 | 130.3 | 16432.2 | 100.0 | -69.0 | -69.9 | 287.3 | 22.0 | 21.8 | -0.0 | 394.4 | 339.9 | 0.9 | 99.9 | 47.1 | 72. |
| 61.5 | 137.3 | 18140.1 | 75.0 | -60.4 | -69.9 | 285.0 | 15.0 | 14.4 | -0.1 | 429.6 | 339.9 | 0.9 | 99.9 | 51.6 | 70. |
| 68.1 | 149.5 | 20632.3 | 50.0 | -59.4 | -69.9 | 321.5 | 0.1 | 9.1 | -0.4 | 503.5 | 339.9 | 0.9 | 99.9 | 55.1 | 79. |
| 80.0 | 161.5 | 25116.0 | 25.0 | -45.0 | -69.9 | 253.4 | 9.0 | 8.6 | 2.0 | 455.6 | 339.9 | 0.9 | 99.9 | 56.0 | 81. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE ON TIME WAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 247
LONGVIEW, TEXAS19 APRIL 1979
2300 GMT

163 23. 0

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | '1' COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | AX RTO GM/KG | RM PCT | RANGE KM | AZ D3 |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-------------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 6.5 | 124.0 | 1001.7 | 20.6 | 19.8 | 120.0 | 2.6 | -2.3 | 1.3 | 293.6 | 331.4 | 14.7 | 95.0 | 0.0 | 0.0 |
| 0.0 | 6.7 | 139.8 | 1000.0 | 20.6 | 19.8 | 122.7 | 2.9 | -2.4 | 1.6 | 293.8 | 331.8 | 14.8 | 95.2 | 0.0 | 34.1 |
| 0.7 | 9.0 | 358.1 | 975.0 | 19.6 | 18.9 | 135.1 | 3.4 | -2.4 | 2.4 | 294.9 | 332.0 | 14.3 | 95.7 | 0.1 | 31.3 |
| 1.5 | 11.4 | 582.1 | 950.0 | 18.0 | 17.3 | 141.9 | 5.0 | -3.1 | 4.0 | 295.5 | 329.9 | 13.2 | 95.7 | 0.3 | 32.3 |
| 2.0 | 13.9 | 811.1 | 925.0 | 17.4 | 16.6 | 125.5 | 7.9 | -6.5 | 4.6 | 297.1 | 331.2 | 13.0 | 94.9 | 0.5 | 31.3 |
| 2.9 | 16.2 | 1345.4 | 900.0 | 15.9 | 14.8 | 160.8 | 13.4 | -4.4 | 12.6 | 297.5 | 329.4 | 11.9 | 93.4 | 1.0 | 31.2 |
| 3.5 | 18.7 | 1285.2 | 875.0 | 14.6 | 12.5 | 150.5 | 13.2 | -4.8 | 12.3 | 299.0 | 327.1 | 10.5 | 87.3 | 1.5 | 32.5 |
| 4.4 | 21.2 | 1530.4 | 850.0 | 13.5 | 11.0 | 154.9 | 13.5 | -5.7 | 12.2 | 300.3 | 326.7 | 9.8 | 85.2 | 2.2 | 33.0 |
| 5.2 | 23.7 | 1742.0 | 825.0 | 12.3 | 9.9 | 159.5 | 13.4 | -4.7 | 12.6 | 301.6 | 327.0 | 9.3 | 85.0 | 2.7 | 33.1 |
| 5.7 | 26.2 | 2040.3 | 800.0 | 11.0 | 8.7 | 163.6 | 13.1 | -3.7 | 12.5 | 302.8 | 327.2 | 8.9 | 85.8 | 3.3 | 33.3 |
| 6.3 | 28.8 | 2335.2 | 775.0 | 9.8 | 7.4 | 161.9 | 12.6 | -3.9 | 11.9 | 304.4 | 327.6 | 8.4 | 85.0 | 3.7 | 33.4 |
| 6.7 | 31.4 | 2577.9 | 750.0 | 8.6 | 5.6 | 159.4 | 10.9 | -3.8 | 10.2 | 306.0 | 327.4 | 7.6 | 80.9 | 4.0 | 33.5 |
| 7.2 | 34.1 | 2957.8 | 725.0 | 6.8 | 3.6 | 163.1 | 8.5 | -2.5 | 8.1 | 307.0 | 326.5 | 6.9 | 80.2 | 4.3 | 33.5 |
| 7.9 | 36.9 | 3146.0 | 700.0 | 5.0 | 2.2 | 173.4 | 8.0 | -0.9 | 7.9 | 308.0 | 326.4 | 6.5 | 82.5 | 4.6 | 33.6 |
| 8.3 | 39.6 | 3442.3 | 675.0 | 3.2 | 0.6 | 178.9 | 6.4 | -0.1 | 6.4 | 309.2 | 326.3 | 5.9 | 83.0 | 4.8 | 33.7 |
| 9.8 | 42.3 | 3748.0 | 650.0 | 1.3 | -1.3 | 230.5 | 2.5 | 2.0 | -0.6 | 310.4 | 326.1 | 5.4 | 83.2 | 4.9 | 33.7 |
| 9.6 | 45.1 | 4062.6 | 625.0 | -0.5 | -2.9 | 285.0 | 2.5 | 2.4 | -0.6 | 311.9 | 326.5 | 5.0 | 83.7 | 4.9 | 33.7 |
| 10.7 | 48.1 | 4372.8 | 600.0 | -3.8 | -9.2 | 278.9 | 3.7 | 3.7 | -0.6 | 311.8 | 322.1 | 3.4 | 71.4 | 4.8 | 34.3 |
| 11.9 | 51.1 | 4722.8 | 575.0 | -5.0 | -10.4 | 276.7 | 3.7 | 3.6 | -0.4 | 314.1 | 323.4 | 3.0 | 65.8 | 4.6 | 34.3 |
| 13.1 | 54.1 | 5071.5 | 550.0 | -6.8 | -12.8 | 268.6 | 2.9 | 2.9 | 0.1 | 316.1 | 324.1 | 2.6 | 62.1 | 4.6 | 34.6 |
| 14.3 | 57.3 | 5434.1 | 525.0 | -9.3 | -14.5 | 252.9 | 2.8 | 2.7 | 0.8 | 318.5 | 325.9 | 2.4 | 60.5 | 4.5 | 34.9 |
| 15.1 | 60.5 | 5810.4 | 500.0 | -13.1 | -19.6 | 259.0 | 2.7 | 2.7 | 0.5 | 317.0 | 322.2 | 1.6 | 59.0 | 4.6 | 35.0 |
| 16.1 | 63.9 | 6200.6 | 475.0 | -13.8 | -20.4 | 314.2 | 4.0 | 2.9 | -2.8 | 320.9 | 326.1 | 1.6 | 57.1 | 4.5 | 35.2 |
| 17.3 | 67.1 | 6539.8 | 450.0 | -17.8 | -24.4 | 318.3 | 5.3 | 3.5 | -4.0 | 320.9 | 324.8 | 1.2 | 56.3 | 4.2 | 35.6 |
| 18.4 | 70.6 | 7335.0 | 425.0 | -19.0 | -25.6 | 274.3 | 5.6 | 5.5 | -0.4 | 324.7 | 328.4 | 1.1 | 55.8 | 3.9 | 35.9 |
| 20.2 | 74.2 | 7444.6 | 400.0 | -21.8 | -28.4 | 253.6 | 10.0 | 9.6 | 2.8 | 326.7 | 329.8 | 0.9 | 55.0 | 4.1 | 8.0 |
| 21.4 | 78.0 | 7956.8 | 375.0 | -25.4 | -31.9 | 245.7 | 13.0 | 11.6 | 5.3 | 327.9 | 330.4 | 0.7 | 54.4 | 4.5 | 17.0 |
| 22.8 | 81.8 | 8454.4 | 350.0 | -29.2 | -35.6 | 241.5 | 14.3 | 12.6 | 8.8 | 329.4 | 331.3 | 0.5 | 53.7 | 5.3 | 25.0 |
| 23.4 | 85.8 | 8779.7 | 325.0 | -33.5 | -39.8 | 238.5 | 16.0 | 13.7 | 8.4 | 330.5 | 331.8 | 0.4 | 53.0 | 6.2 | 31.0 |
| 24.7 | 90.0 | 9535.6 | 300.0 | -39.6 | -44.7 | 235.8 | 17.9 | 14.8 | 10.1 | 331.0 | 331.8 | 0.2 | 51.8 | 7.2 | 35.0 |
| 26.4 | 94.2 | 10127.0 | 275.0 | -43.8 | -49.9 | 236.8 | 20.8 | 17.4 | 11.4 | 331.8 | 999.9 | 99.9 | 99.9 | 8.8 | 39.0 |
| 28.2 | 98.8 | 10758.9 | 250.0 | -49.4 | -55.4 | 237.4 | 21.7 | 18.3 | 11.7 | 332.7 | 999.9 | 99.9 | 99.9 | 11.1 | 43.0 |
| 30.4 | 103.4 | 11440.5 | 225.0 | -55.4 | -59.9 | 245.9 | 23.7 | 21.4 | 10.0 | 333.7 | 999.9 | 99.9 | 99.9 | 13.9 | 46.0 |
| 32.3 | 109.0 | 12140.2 | 200.0 | -62.1 | -67.7 | 245.9 | 26.2 | 23.7 | 11.1 | 334.4 | 999.9 | 99.9 | 99.9 | 16.6 | 49.0 |
| 34.6 | 114.8 | 12904.9 | 175.0 | -67.7 | -71.9 | 255.4 | 30.4 | 29.5 | 7.7 | 338.2 | 999.9 | 99.9 | 99.9 | 20.4 | 53.0 |
| 37.5 | 121.0 | 13910.9 | 150.0 | -62.5 | -69.9 | 264.1 | 31.8 | 31.6 | 3.3 | 342.4 | 999.9 | 99.9 | 99.9 | 25.1 | 59.0 |
| 40.5 | 128.0 | 15057.9 | 125.0 | -64.2 | -69.9 | 275.1 | 30.3 | 30.2 | -2.2 | 378.7 | 999.9 | 99.9 | 99.9 | 30.3 | 64.0 |
| 43.9 | 136.0 | 16421.4 | 100.0 | -66.4 | -69.9 | 289.7 | 19.5 | 18.4 | -3.6 | 399.4 | 999.9 | 99.9 | 99.9 | 34.4 | 70.0 |
| 49.4 | 145.0 | 18149.1 | 75.0 | -69.8 | -69.9 | 286.1 | 12.0 | 11.6 | -3.3 | 426.5 | 999.9 | 99.9 | 99.9 | 38.4 | 74.0 |
| 57.6 | 155.7 | 25007.6 | 50.0 | -59.3 | -69.9 | 327.2 | 6.9 | 3.7 | -5.8 | 503.9 | 999.9 | 99.9 | 99.9 | 41.0 | 79.0 |
| 69.9 | 167.3 | 25343.6 | 25.0 | -69.2 | -69.9 | 999.9 | 99.9 | 99.9 | 99.9 | 643.7 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

C-3

STATION NO. 247
LONGVIEW, TEXAS20 APRIL 1979
200 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP °C | DEW PT °C | DIR °C | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | WX RTO GM/KG | RM PCT | RANGE KM | AZ ° |
|-------------|-------|---------------|------------|------------|--------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|---------|
| 0-0 | 6-3 | 124-0 | 1022-8 | 17-8 | 17-6 | 120-0 | 4-1 | -3-6 | 2-0 | 290-7 | 323-4 | 12-8 | 99-0 | 0-0 | 0- |
| 0-1 | 6-6 | 148-0 | 1000-0 | 17-7 | 17-3 | 125-0 | 6-3 | -5-1 | 3-7 | 290-8 | 323-0 | 12-6 | 98-0 | 0-1 | 330- |
| 0-9 | 8-9 | 305-0 | 975-0 | 17-0 | 16-3 | 151-5 | 10-6 | -6-6 | 8-3 | 292-3 | 323-5 | 12-1 | 95-6 | 0-5 | 308- |
| 1-9 | 11-2 | 597-2 | 950-0 | 17-2 | 15-0 | 151-1 | 12-6 | -6-1 | 11-0 | 294-6 | 324-3 | 11-4 | 86-7 | 1-1 | 318- |
| 2-7 | 13-5 | 915-4 | 925-0 | 16-3 | 13-8 | 156-4 | 14-0 | -5-6 | 12-8 | 296-0 | 324-5 | 10-8 | 80-8 | 1-8 | 325- |
| 3-4 | 16-0 | 1248-5 | 900-0 | 15-0 | 11-0 | 160-7 | 11-9 | -3-9 | 11-2 | 296-9 | 321-5 | 9-2 | 77-0 | 2-6 | 327- |
| 4-5 | 18-4 | 1287-3 | 875-0 | 14-6 | 10-2 | 167-9 | 8-2 | -1-7 | 8-0 | 299-0 | 323-3 | 9-0 | 74-9 | 3-0 | 331- |
| 5-4 | 20-9 | 1532-3 | 850-0 | 13-1 | 8-1 | 175-6 | 7-0 | -0-5 | 6-9 | 299-8 | 321-7 | 8-0 | 71-8 | 3-4 | 334- |
| 6-3 | 23-3 | 1753-4 | 825-0 | 11-8 | 6-5 | 170-8 | 5-9 | -0-9 | 5-6 | 301-1 | 321-4 | 7-4 | 69-8 | 3-7 | 336- |
| 7-3 | 25-9 | 2040-4 | 800-0 | 10-2 | 5-7 | 152-4 | 6-3 | -2-9 | 5-6 | 302-1 | 322-0 | 7-2 | 73-1 | 4-0 | 335- |
| 8-2 | 28-6 | 2324-3 | 775-0 | 8-2 | 4-3 | 138-6 | 6-8 | -4-5 | 5-1 | 302-7 | 321-4 | 6-7 | 76-1 | 4-4 | 335- |
| 9-3 | 31-0 | 2574-6 | 750-0 | 6-6 | 2-6 | 140-0 | 7-4 | -4-8 | 5-7 | 303-8 | 321-2 | 6-2 | 75-6 | 4-8 | 333- |
| 10-4 | 33-7 | 2852-5 | 725-0 | 4-3 | 2-8 | 149-0 | 7-1 | -3-6 | 6-1 | 304-2 | 322-4 | 6-5 | 80-7 | 5-3 | 333- |
| 11-4 | 36-3 | 3137-6 | 700-0 | 2-1 | 1-5 | 162-7 | 4-4 | -1-3 | 4-2 | 304-8 | 322-2 | 6-1 | 85-9 | 5-7 | 333- |
| 12-6 | 39-1 | 3470-7 | 675-0 | 0-3 | -0-3 | 193-3 | 2-3 | 0-5 | 2-2 | 305-9 | 321-8 | 5-6 | 90-1 | 5-9 | 332- |
| 13-7 | 41-9 | 3733-6 | 650-0 | -0-8 | -1-3 | 218-2 | 2-6 | 1-6 | 2-0 | 309-1 | 323-6 | 5-4 | 96-0 | 6-0 | 336- |
| 14-9 | 44-7 | 4066-7 | 625-0 | -2-0 | -2-6 | 241-1 | 3-6 | 3-2 | 1-8 | 310-1 | 324-9 | 5-1 | 95-8 | 6-0 | 336- |
| 15-1 | 47-6 | 4370-7 | 600-0 | -3-9 | -4-5 | 233-0 | 4-7 | 3-8 | 2-8 | 311-6 | 325-2 | 4-6 | 95-5 | 6-1 | 339- |
| 16-4 | 50-6 | 4726-0 | 575-0 | -5-9 | -6-5 | 226-1 | 5-6 | 4-0 | 3-9 | 313-1 | 325-3 | 4-1 | 95-0 | 6-2 | 342- |
| 18-7 | 53-6 | 5053-0 | 550-0 | -7-4 | -8-1 | 226-5 | 6-9 | 5-0 | 4-7 | 315-3 | 326-8 | 3-8 | 94-4 | 6-5 | 347- |
| 20-1 | 56-6 | 5415-8 | 525-0 | -9-9 | -9-8 | 221-7 | 9-1 | 6-0 | 6-8 | 317-6 | 328-4 | 3-5 | 93-1 | 6-8 | 351- |
| 21-5 | 59-9 | 5742-5 | 500-0 | -11-5 | -12-8 | 219-8 | 10-7 | 6-8 | 8-2 | 319-1 | 328-0 | 2-9 | 89-9 | 7-4 | 359- |
| 22-9 | 63-1 | 6154-3 | 475-0 | -14-1 | -15-2 | 214-8 | 10-1 | 5-8 | 8-3 | 320-5 | 328-4 | 2-5 | 91-5 | 8-1 | 1- |
| 24-3 | 66-4 | 6593-0 | 450-0 | -16-7 | -17-8 | 208-7 | 7-2 | 3-5 | 6-3 | 322-3 | 329-0 | 2-1 | 91-0 | 8-8 | 3- |
| 25-7 | 69-9 | 7200-3 | 425-0 | -19-7 | -21-2 | 222-7 | 5-0 | 3-4 | 3-7 | 323-7 | 329-1 | 1-6 | 87-6 | 9-2 | 9- |
| 29-3 | 77-1 | 7937-9 | 375-0 | -26-4 | -28-9 | 230-6 | 8-3 | 4-8 | 3-6 | 325-3 | 329-5 | 1-2 | 82-4 | 9-5 | 7- |
| 31-1 | 81-0 | 8432-6 | 350-0 | -30-5 | -34-1 | 235-6 | 8-6 | 7-1 | 4-8 | 327-6 | 329-7 | 0-6 | 70-2 | 10-8 | 13- |
| 33-0 | 95-0 | 9555-1 | 325-0 | -34-8 | -39-6 | 247-9 | 10-5 | 9-7 | 3-9 | 328-8 | 330-3 | 0-4 | 68-0 | 11-5 | 17- |
| 35-0 | 99-2 | 9529-1 | 300-0 | -39-3 | -44-3 | 239-8 | 15-9 | 13-8 | 8-0 | 330-0 | 999-9 | 99-9 | 999-9 | 12-6 | 22- |
| 37-0 | 93-5 | 10093-7 | 275-0 | -44-3 | 99-9 | 241-0 | 22-1 | 19-4 | 10-7 | 331-0 | 999-9 | 99-9 | 999-9 | 14-6 | 28- |
| 39-4 | 98-2 | 10729-3 | 250-0 | -50-5 | 99-9 | 241-9 | 22-1 | 19-5 | 10-4 | 331-4 | 999-9 | 99-9 | 999-9 | 17-4 | 34- |
| 41-9 | 103-0 | 11407-2 | 225-0 | -56-8 | 99-9 | 245-0 | 21-9 | 19-8 | 9-2 | 331-4 | 999-9 | 99-9 | 999-9 | 20-1 | 38- |
| 44-8 | 109-4 | 12141-5 | 200-0 | -63-8 | 99-9 | 253-6 | 27-5 | 25-7 | 12-2 | 331-8 | 999-9 | 99-9 | 999-9 | 23-9 | 43- |
| 47-9 | 114-0 | 12954-3 | 175-0 | -66-7 | 99-9 | 252-8 | 32-9 | 31-4 | 9-7 | 339-9 | 999-9 | 99-9 | 999-9 | 29-3 | 47- |
| 51-6 | 120-3 | 13493-7 | 158-0 | -63-2 | 99-9 | 266-3 | 27-3 | 27-2 | 1-8 | 361-3 | 999-9 | 99-9 | 999-9 | 35-1 | 53- |
| 55-8 | 127-3 | 15122-4 | 125-0 | -65-2 | 99-0 | 283-7 | 25-8 | 25-1 | -6-1 | 377-0 | 999-9 | 99-9 | 999-9 | 40-6 | 64- |
| 60-2 | 139-0 | 16365-1 | 100-0 | -69-0 | 99-9 | 285-6 | 18-6 | 18-0 | -4-5 | 394-4 | 999-9 | 99-9 | 999-9 | 44-6 | 65- |
| 66-2 | 144-0 | 18368-8 | 75-0 | -71-7 | 99-9 | 293-6 | 12-2 | 11-5 | -4-1 | 422-5 | 999-9 | 99-9 | 999-9 | 48-3 | 68- |
| 75-3 | 154-3 | 20522-4 | 50-0 | -81-8 | 99-9 | 999-9 | 99-9 | 99-9 | 99-9 | 498-0 | 999-9 | 99-9 | 999-9 | 999-9 | 999-9 |
| 99-9 | 99-9 | 99-9 | 25-0 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 999-9 | 99-9 | 999-9 | 999-9 | 999-9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 247
LONGVIEW, TEXAS20 APRIL 1979
500 GMT

| TIME MIN | CNCT | HEIGHT GPM | PRES MR | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RM PCT | RANGE K4 | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 6.4 | 124.0 | 1002.2 | 17.8 | 17.6 | 120.0 | 3.1 | -2.7 | 1.5 | 290.8 | 323.5 | 12.8 | 99.0 | 0.0 | 0. |
| 0.1 | 6.5 | 142.9 | 1002.0 | 17.7 | 17.4 | 127.0 | 4.5 | -3.3 | 2.8 | 290.8 | 323.1 | 12.6 | 98.2 | 0.1 | 345. |
| 0.3 | 6.8 | 359.7 | 975.0 | 16.3 | 15.7 | 152.1 | 8.2 | -3.6 | 7.2 | 291.6 | 321.5 | 11.6 | 96.2 | 0.4 | 317. |
| 1.7 | 11.1 | 591.1 | 950.0 | 16.0 | 14.9 | 169.8 | 9.9 | -1.7 | 9.7 | 293.4 | 322.9 | 11.3 | 93.3 | 0.8 | 331. |
| 2.5 | 13.4 | 808.9 | 925.0 | 16.5 | 10.4 | 171.5 | 10.5 | -1.5 | 10.4 | 296.2 | 319.1 | 8.6 | 67.1 | 1.3 | 340. |
| 3.3 | 15.7 | 1042.1 | 900.0 | 16.0 | 8.7 | 170.2 | 9.8 | -1.7 | 9.7 | 298.0 | 319.3 | 7.9 | 61.9 | 1.9 | 343. |
| 4.3 | 18.2 | 1281.2 | 875.0 | 14.7 | 7.3 | 152.5 | 7.4 | -3.4 | 6.6 | 299.1 | 319.3 | 7.4 | 61.2 | 2.3 | 343. |
| 5.1 | 20.5 | 1526.5 | 850.0 | 14.0 | 6.3 | 131.4 | 6.3 | -4.7 | 4.2 | 300.8 | 320.3 | 7.1 | 59.8 | 2.6 | 341. |
| 5.3 | 23.0 | 1777.7 | 825.0 | 12.3 | 5.3 | 118.1 | 8.4 | -7.4 | 4.0 | 301.6 | 320.4 | 6.8 | 62.4 | 2.9 | 336. |
| 6.3 | 25.4 | 2015.3 | 800.0 | 10.4 | 3.4 | 122.1 | 12.5 | -10.6 | 6.6 | 302.2 | 319.3 | 6.1 | 62.0 | 3.4 | 333. |
| 7.3 | 27.9 | 2299.1 | 775.0 | 8.5 | 2.0 | 127.3 | 14.4 | -11.5 | 8.7 | 303.0 | 319.1 | 5.7 | 63.7 | 4.2 | 325. |
| 9.0 | 30.5 | 2569.4 | 750.0 | 5.8 | 1.7 | 128.7 | 14.2 | -11.1 | 8.9 | 302.9 | 319.2 | 5.8 | 74.9 | 5.1 | 325. |
| 9.7 | 33.1 | 2846.2 | 725.0 | 3.8 | 1.5 | 134.9 | 13.7 | -9.7 | 9.6 | 303.6 | 320.2 | 5.9 | 84.6 | 5.9 | 320. |
| 11.0 | 35.7 | 3110.8 | 700.0 | 1.6 | 0.7 | 142.2 | 11.6 | -7.1 | 9.2 | 304.3 | 320.6 | 5.8 | 93.6 | 6.7 | 320. |
| 12.0 | 38.3 | 3423.4 | 675.0 | -0.0 | -0.6 | 142.3 | 8.1 | -4.9 | 8.4 | 305.6 | 321.1 | 5.4 | 95.7 | 7.3 | 321. |
| 13.3 | 41.1 | 3726.2 | 650.0 | -0.3 | -0.9 | 129.3 | 4.2 | -3.2 | 2.6 | 304.6 | 324.6 | 5.5 | 95.9 | 7.7 | 320. |
| 14.7 | 43.9 | 4039.5 | 625.0 | -2.0 | -2.6 | 143.9 | 4.5 | -2.7 | 3.6 | 310.1 | 324.9 | 5.1 | 95.9 | 8.3 | 320. |
| 16.7 | 46.7 | 4343.8 | 600.0 | -3.6 | -4.2 | 166.7 | 6.0 | -1.4 | 5.9 | 312.0 | 325.8 | 4.7 | 95.5 | 8.5 | 321. |
| 17.1 | 48.4 | 4599.6 | 575.0 | -5.4 | -6.0 | 180.8 | 6.9 | 0.1 | 6.9 | 313.7 | 326.4 | 4.2 | 95.3 | 9.0 | 323. |
| 19.3 | 52.6 | 5047.8 | 550.0 | -7.3 | -8.0 | 190.8 | 7.4 | 0.9 | 7.4 | 315.4 | 326.9 | 3.8 | 94.7 | 9.5 | 320. |
| 20.7 | 55.6 | 5407.6 | 525.0 | -9.1 | -9.9 | 200.9 | 7.2 | 2.6 | 6.7 | 317.4 | 328.0 | 3.4 | 94.1 | 10.0 | 320. |
| 22.5 | 59.9 | 5796.1 | 500.0 | -11.2 | -12.1 | 212.0 | 7.7 | 4.1 | 6.5 | 319.3 | 328.8 | 3.0 | 93.2 | 10.4 | 332. |
| 24.1 | 62.0 | 6178.3 | 475.0 | -13.7 | -14.6 | 213.5 | 8.5 | 4.7 | 7.1 | 321.0 | 329.2 | 2.6 | 92.8 | 10.9 | 336. |
| 25.7 | 65.3 | 6547.7 | 450.0 | -16.4 | -17.5 | 215.5 | 8.8 | 5.1 | 7.1 | 322.6 | 329.5 | 2.1 | 91.4 | 11.3 | 330. |
| 27.5 | 68.7 | 7015.4 | 425.0 | -19.5 | -20.8 | 213.7 | 9.0 | 5.0 | 7.5 | 324.0 | 329.6 | 1.7 | 89.2 | 11.7 | 343. |
| 29.1 | 72.1 | 7453.4 | 400.0 | -22.8 | -24.2 | 208.1 | 7.9 | 3.7 | 6.9 | 325.3 | 329.8 | 1.3 | 88.7 | 12.4 | 346. |
| 30.9 | 75.9 | 7933.0 | 375.0 | -26.7 | -28.6 | 207.9 | 8.1 | 3.8 | 7.2 | 326.2 | 329.5 | 1.0 | 83.7 | 13.0 | 348. |
| 33.7 | 79.5 | 8327.4 | 350.0 | -30.7 | -33.1 | 215.7 | 8.9 | 5.2 | 7.2 | 327.4 | 329.8 | 0.7 | 78.9 | 13.7 | 351. |
| 36.5 | 83.5 | 8749.2 | 325.0 | -35.0 | -38.7 | 233.8 | 9.5 | 7.7 | 5.6 | 328.5 | 330.0 | 0.4 | 68.4 | 14.3 | 354. |
| 38.5 | 87.5 | 9502.5 | 300.0 | -39.4 | -43.9 | 236.6 | 18.2 | 15.2 | 6.6 | 329.8 | 330.9 | 99.9 | 99.9 | 14.9 | 359. |
| 38.5 | 91.8 | 10231.1 | 275.0 | -44.9 | -49.9 | 236.6 | 18.2 | 15.2 | 10.0 | 330.3 | 330.9 | 99.9 | 99.9 | 15.9 | 4. |
| 40.4 | 94.3 | 10770.9 | 250.0 | -50.7 | -55.7 | 227.3 | 24.0 | 17.6 | 16.3 | 330.7 | 330.9 | 99.9 | 99.9 | 17.8 | 11. |
| 43.2 | 101.2 | 11397.7 | 225.0 | -54.9 | -59.9 | 226.3 | 27.4 | 19.8 | 18.9 | 331.3 | 330.9 | 99.9 | 99.9 | 21.4 | 17. |
| 46.4 | 106.4 | 12132.1 | 200.0 | -63.4 | -68.4 | 226.8 | 29.8 | 21.7 | 20.4 | 332.4 | 330.9 | 99.9 | 99.9 | 26.2 | 23. |
| 49.0 | 112.3 | 12941.3 | 175.0 | -67.8 | -72.8 | 245.0 | 31.5 | 28.5 | 13.3 | 338.0 | 330.9 | 99.9 | 99.9 | 31.6 | 28. |
| 53.7 | 119.5 | 13949.1 | 150.0 | -51.7 | -56.7 | 271.5 | 27.1 | 27.1 | -0.7 | 363.9 | 330.9 | 99.9 | 99.9 | 36.4 | 37. |
| 55.3 | 125.7 | 15036.4 | 125.0 | -65.8 | -70.8 | 283.0 | 22.1 | 21.5 | -3.0 | 375.9 | 330.9 | 99.9 | 99.9 | 39.5 | 40. |
| 59.3 | 131.7 | 16359.4 | 100.0 | -69.5 | -74.5 | 274.5 | 14.1 | 14.1 | -1.1 | 427.3 | 330.9 | 99.9 | 99.9 | 42.9 | 52. |
| 69.9 | 143.0 | 18243.9 | 75.0 | -69.5 | -74.5 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 46.4 | 54. |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 247
LONGVIEW, TEXAS20 APRIL 1979
005 GMT

| TIME MIN | CNTCT | HEIGHT GPH | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | J COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO CM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 00.0 | 6.5 | 124.0 | 1000.8 | 10.9 | 10.4 | 170.0 | 2.6 | -0.5 | 2.6 | 292.0 | 326.5 | 13.5 | 97.0 | 0.0 | 0. |
| 00.5 | 6.5 | 130.9 | 1000.0 | 10.8 | 10.3 | 169.8 | 3.7 | -0.6 | 3.6 | 292.0 | 326.4 | 13.4 | 96.7 | 0.0 | 359. |
| 01.0 | 8.4 | 348.8 | 975.0 | 10.2 | 17.2 | 167.5 | 11.3 | -2.4 | 11.1 | 293.5 | 326.6 | 12.8 | 93.6 | 0.4 | 350. |
| 1.0 | 11.2 | 571.6 | 950.0 | 10.5 | 14.2 | 166.1 | 11.5 | -2.8 | 11.2 | 293.9 | 322.2 | 10.8 | 86.7 | 1.1 | 348. |
| 2.0 | 13.5 | 798.7 | 925.0 | 10.3 | 13.1 | 167.9 | 11.9 | -2.5 | 11.6 | 294.9 | 322.0 | 10.3 | 86.6 | 1.8 | 347. |
| 3.0 | 15.0 | 1031.2 | 900.0 | 10.4 | 12.6 | 164.2 | 10.8 | -2.9 | 10.4 | 296.4 | 323.6 | 10.3 | 88.9 | 2.4 | 349. |
| 4.0 | 18.3 | 1249.4 | 875.0 | 13.2 | 9.9 | 159.4 | 9.6 | -3.4 | 9.0 | 297.5 | 321.1 | 8.8 | 80.2 | 2.9 | 346. |
| 5.0 | 20.7 | 1513.1 | 850.0 | 11.6 | 8.5 | 159.4 | 9.4 | -3.3 | 8.8 | 298.5 | 320.8 | 8.3 | 80.5 | 3.5 | 345. |
| 6.0 | 23.2 | 1763.0 | 825.0 | 10.4 | 7.8 | 150.8 | 9.4 | -4.6 | 8.2 | 299.5 | 321.5 | 8.1 | 80.1 | 4.0 | 344. |
| 7.0 | 25.7 | 2019.0 | 800.0 | 8.9 | 5.9 | 134.8 | 10.5 | -7.5 | 7.4 | 300.6 | 320.7 | 7.3 | 81.8 | 4.5 | 342. |
| 8.0 | 28.2 | 2291.8 | 775.0 | 7.7 | 3.2 | 129.5 | 12.9 | -9.9 | 8.2 | 302.1 | 319.5 | 6.3 | 73.3 | 5.1 | 337. |
| 9.0 | 30.9 | 2551.8 | 750.0 | 6.0 | 2.6 | 135.6 | 13.5 | -9.4 | 9.6 | 303.1 | 320.4 | 6.2 | 78.7 | 5.9 | 334. |
| 10.0 | 31.4 | 2822.2 | 725.0 | 4.2 | 2.3 | 146.7 | 12.4 | -6.8 | 10.4 | 304.0 | 321.7 | 6.3 | 87.8 | 6.8 | 332. |
| 11.0 | 36.0 | 3114.4 | 700.0 | 2.4 | 1.5 | 148.9 | 9.7 | -5.0 | 8.3 | 305.2 | 322.5 | 6.1 | 93.3 | 7.6 | 332. |
| 12.0 | 39.4 | 3407.9 | 675.0 | 0.4 | -0.2 | 156.4 | 6.8 | -2.7 | 6.2 | 306.1 | 322.2 | 5.6 | 95.9 | 8.2 | 332. |
| 13.0 | 41.4 | 3711.0 | 650.0 | -0.4 | -1.0 | 173.4 | 6.2 | -0.7 | 5.2 | 308.6 | 324.5 | 5.5 | 95.7 | 8.6 | 332. |
| 14.0 | 44.3 | 4028.6 | 625.0 | -1.6 | -2.3 | 199.3 | 6.3 | 2.1 | 5.9 | 310.6 | 325.8 | 5.2 | 95.5 | 9.3 | 334. |
| 15.0 | 47.1 | 4349.1 | 600.0 | -3.3 | -3.9 | 218.3 | 7.0 | 4.3 | 5.5 | 312.4 | 326.5 | 4.8 | 95.3 | 9.3 | 337. |
| 16.0 | 50.1 | 4695.4 | 575.0 | -4.9 | -5.6 | 226.4 | 6.9 | 5.0 | 4.8 | 314.2 | 327.3 | 4.4 | 95.0 | 9.6 | 340. |
| 17.0 | 53.1 | 5034.2 | 550.0 | -6.9 | -7.6 | 226.4 | 5.7 | 4.1 | 3.9 | 315.9 | 327.8 | 3.9 | 94.8 | 9.8 | 343. |
| 18.0 | 56.1 | 5396.3 | 525.0 | -9.1 | -9.8 | 228.2 | 5.0 | 3.7 | 3.3 | 317.5 | 328.1 | 3.5 | 94.4 | 10.0 | 345. |
| 19.0 | 59.3 | 5773.1 | 500.0 | -11.1 | -11.9 | 229.5 | 6.4 | 4.9 | 4.2 | 319.5 | 329.0 | 3.1 | 94.1 | 10.3 | 348. |
| 20.0 | 62.4 | 6165.1 | 475.0 | -14.0 | -15.0 | 244.3 | 5.9 | 5.3 | 2.6 | 320.6 | 328.5 | 2.5 | 92.0 | 10.5 | 351. |
| 21.0 | 65.8 | 6574.1 | 450.0 | -16.7 | -18.1 | 269.8 | 3.8 | 3.8 | 0.0 | 322.3 | 328.9 | 2.0 | 89.4 | 10.5 | 353. |
| 22.0 | 69.1 | 7011.6 | 425.0 | -19.7 | -21.5 | 289.1 | 3.2 | 3.0 | -1.1 | 323.7 | 329.0 | 1.6 | 85.6 | 10.5 | 355. |
| 23.0 | 72.7 | 7449.5 | 400.0 | -22.7 | -25.7 | 289.1 | 4.5 | 4.3 | -1.5 | 325.5 | 329.5 | 1.2 | 76.5 | 10.2 | 359. |
| 24.0 | 76.3 | 7919.8 | 375.0 | -26.4 | -28.6 | 266.1 | 5.4 | 5.4 | 0.4 | 326.7 | 329.9 | 1.0 | 81.7 | 10.2 | 359. |
| 25.0 | 80.1 | 8414.3 | 350.0 | -31.1 | -37.4 | 238.1 | 7.0 | 5.9 | 3.7 | 328.9 | 328.4 | 0.4 | 51.3 | 10.4 | 3. |
| 26.0 | 84.3 | 8935.7 | 325.0 | -34.7 | -38.9 | 232.2 | 10.4 | 8.2 | 6.3 | 328.8 | 330.3 | 0.4 | 64.9 | 11.0 | 7. |
| 27.0 | 88.2 | 9499.6 | 300.0 | -38.9 | -49.1 | 223.0 | 16.8 | 11.5 | 12.3 | 331.6 | 331.1 | 0.1 | 32.6 | 12.5 | 12. |
| 28.0 | 92.5 | 10090.2 | 275.0 | -44.3 | -59.9 | 212.8 | 19.6 | 10.6 | 16.5 | 331.1 | 999.9 | 99.9 | 999.9 | 14.8 | 17. |
| 29.0 | 97.2 | 10712.0 | 250.0 | -49.7 | -69.9 | 210.0 | 23.1 | 11.5 | 20.0 | 332.1 | 999.9 | 99.9 | 999.9 | 18.1 | 19. |
| 30.0 | 102.0 | 11332.9 | 225.0 | -55.6 | -79.9 | 210.8 | 24.5 | 12.6 | 21.1 | 333.3 | 999.9 | 99.9 | 999.9 | 22.1 | 21. |
| 31.0 | 107.2 | 12132.5 | 200.0 | -62.3 | -89.9 | 218.4 | 25.6 | 15.9 | 20.1 | 334.2 | 999.9 | 99.9 | 999.9 | 26.5 | 23. |
| 32.0 | 113.0 | 12749.1 | 175.0 | -66.3 | -99.9 | 244.8 | 26.8 | 24.2 | 11.4 | 330.5 | 999.9 | 99.9 | 999.9 | 30.3 | 27. |
| 33.0 | 119.3 | 13499.5 | 150.0 | -61.8 | -99.9 | 269.9 | 24.6 | 24.6 | 0.0 | 333.6 | 999.9 | 99.9 | 999.9 | 33.8 | 30. |
| 34.0 | 126.3 | 15718.1 | 125.0 | -63.4 | -99.9 | 283.1 | 17.2 | 16.8 | -3.9 | 330.2 | 999.9 | 99.9 | 999.9 | 35.8 | 40. |
| 35.0 | 134.7 | 16370.1 | 100.0 | -68.5 | -99.9 | 268.1 | 18.4 | 18.4 | 0.6 | 335.5 | 999.9 | 99.9 | 999.9 | 38.3 | 45. |
| 36.0 | 99.9 | 99.9 | 75.0 | -99.9 | -99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999. |
| 37.0 | 99.9 | 99.9 | 50.0 | -99.9 | -99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999. |
| 38.0 | 99.9 | 99.9 | 25.0 | -99.9 | -99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999. |
| 39.0 | 99.9 | 99.9 | 99.9 | -99.9 | -99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999. |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 99 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 247
LONGVIEW, TEXAS

20 APRIL 1979
1105 GMT

162 22. 0

| TIME MIN | CNCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO CM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.1 | 6.4 | 124.0 | 1009.6 | 19.3 | 17.0 | 110.0 | 3.1 | -2.9 | 1.1 | 291.4 | 324.6 | 13.0 | 97.0 | 0.0 | 0. |
| 0.3 | 6.9 | 120.2 | 1000.0 | 19.3 | 17.8 | 118.6 | 5.6 | -4.9 | 2.7 | 291.5 | 324.7 | 13.0 | 95.7 | 0.1 | 336. |
| 0.3 | 9.2 | 346.7 | 975.0 | 17.2 | 16.6 | 138.5 | 10.3 | -6.8 | 7.7 | 292.5 | 324.2 | 12.3 | 95.8 | 0.4 | 305. |
| 1.5 | 11.5 | 569.1 | 950.0 | 16.6 | 15.8 | 148.7 | 12.3 | -6.4 | 10.5 | 294.2 | 325.4 | 12.0 | 93.6 | 0.8 | 316. |
| 2.1 | 14.0 | 796.5 | 925.0 | 15.3 | 14.2 | 152.0 | 13.1 | -6.1 | 11.5 | 294.9 | 324.0 | 11.1 | 93.2 | 1.4 | 323. |
| 3.1 | 16.4 | 1029.0 | 900.0 | 14.0 | 13.1 | 154.6 | 13.7 | -5.9 | 12.4 | 295.9 | 323.8 | 10.6 | 91.2 | 2.0 | 326. |
| 3.9 | 18.9 | 1266.6 | 875.0 | 12.4 | 11.7 | 158.9 | 13.7 | -4.9 | 12.8 | 296.6 | 323.1 | 9.9 | 95.6 | 2.7 | 329. |
| 4.3 | 21.3 | 1539.6 | 850.0 | 10.5 | 9.8 | 160.7 | 11.9 | -3.9 | 11.2 | 297.2 | 321.3 | 9.0 | 95.4 | 3.4 | 331. |
| 5.7 | 23.9 | 1758.7 | 825.0 | 9.9 | 9.2 | 169.7 | 9.8 | -1.8 | 9.6 | 299.0 | 323.1 | 8.9 | 95.4 | 3.9 | 333. |
| 6.5 | 26.4 | 2014.6 | 800.0 | 8.6 | 8.1 | 179.7 | 10.2 | -0.1 | 10.2 | 300.5 | 323.7 | 8.5 | 95.5 | 4.5 | 335. |
| 7.7 | 29.0 | 2277.5 | 775.0 | 7.6 | 7.2 | 196.5 | 7.6 | 2.2 | 7.3 | 302.2 | 324.9 | 8.3 | 95.5 | 4.9 | 339. |
| 8.3 | 31.6 | 2548.1 | 750.0 | 6.6 | 5.9 | 203.1 | 8.2 | 3.2 | 7.6 | 303.7 | 325.3 | 7.8 | 95.5 | 5.3 | 342. |
| 9.7 | 34.2 | 2826.5 | 725.0 | 5.0 | 4.3 | 208.8 | 9.0 | 3.9 | 7.0 | 304.9 | 325.1 | 7.2 | 95.3 | 5.6 | 345. |
| 10.7 | 37.2 | 3112.7 | 700.0 | 3.5 | 2.7 | 210.3 | 7.1 | 3.6 | 6.1 | 306.3 | 325.3 | 6.7 | 95.0 | 6.0 | 349. |
| 11.4 | 39.6 | 3407.9 | 675.0 | 1.5 | 0.6 | 210.6 | 6.1 | 3.1 | 5.2 | 307.4 | 324.4 | 5.9 | 93.5 | 6.2 | 351. |
| 12.3 | 42.6 | 3711.4 | 650.0 | -1.0 | -1.9 | 213.3 | 5.6 | 3.0 | 4.6 | 308.9 | 323.7 | 5.1 | 87.4 | 6.6 | 353. |
| 13.9 | 45.4 | 4025.5 | 625.0 | -1.0 | -3.0 | 210.4 | 6.7 | 3.4 | 5.8 | 311.3 | 325.8 | 4.9 | 86.7 | 6.9 | 355. |
| 15.1 | 48.3 | 4351.2 | 600.0 | -2.2 | -3.9 | 212.7 | 7.2 | 3.9 | 6.1 | 313.6 | 327.9 | 4.8 | 83.0 | 7.3 | 357. |
| 16.1 | 51.3 | 4688.6 | 575.0 | -4.5 | -6.0 | 229.8 | 6.6 | 5.0 | 4.3 | 314.7 | 327.5 | 4.3 | 49.4 | 7.7 | 0. |
| 17.5 | 54.1 | 5037.4 | 550.0 | -7.0 | -8.5 | 252.4 | 5.9 | 5.7 | 1.8 | 315.8 | 326.9 | 3.7 | 89.5 | 7.9 | 3. |
| 18.6 | 57.4 | 5399.5 | 525.0 | -9.0 | -10.4 | 272.7 | 6.5 | 6.5 | -0.3 | 317.2 | 327.6 | 3.3 | 89.3 | 8.0 | 6. |
| 20.2 | 60.6 | 5776.2 | 500.0 | -11.4 | -13.0 | 272.1 | 7.0 | 6.9 | -0.3 | 319.2 | 328.0 | 2.8 | 87.8 | 8.0 | 10. |
| 21.5 | 63.9 | 6164.0 | 475.0 | -14.1 | -15.7 | 272.9 | 6.1 | 6.1 | -0.3 | 320.6 | 328.1 | 2.4 | 87.2 | 9.1 | 14. |
| 23.1 | 67.1 | 6576.4 | 450.0 | -17.0 | -19.0 | 270.9 | 5.1 | 5.1 | -0.1 | 321.8 | 328.0 | 1.9 | 84.3 | 8.2 | 19. |
| 24.6 | 70.7 | 7003.4 | 425.0 | -19.8 | -21.7 | 246.4 | 4.9 | 4.5 | 2.0 | 324.6 | 328.5 | 1.1 | 85.2 | 8.4 | 20. |
| 26.1 | 74.3 | 7459.8 | 400.0 | -23.4 | -26.0 | 240.7 | 4.1 | 3.6 | 2.0 | 326.6 | 328.5 | 1.1 | 79.2 | 8.7 | 22. |
| 27.5 | 78.3 | 7918.7 | 375.0 | -27.6 | -33.2 | 235.9 | 5.1 | 4.2 | 2.9 | 328.1 | 327.2 | 0.6 | 58.6 | 9.1 | 24. |
| 29.5 | 81.9 | 8411.6 | 350.0 | -31.6 | -41.6 | 232.5 | 7.6 | 6.0 | 4.6 | 329.8 | 326.9 | 0.3 | 37.6 | 9.6 | 26. |
| 31.5 | 85.4 | 8931.1 | 325.0 | -35.7 | -50.1 | 221.6 | 11.3 | 7.5 | 8.4 | 327.5 | 327.9 | 0.1 | 21.1 | 10.7 | 28. |
| 33.4 | 90.0 | 9483.5 | 300.0 | -39.4 | -52.8 | 220.6 | 16.0 | 10.4 | 12.1 | 329.9 | 330.0 | 0.0 | 5.2 | 12.2 | 29. |
| 35.4 | 94.6 | 10072.7 | 275.0 | -44.8 | -59.9 | 217.4 | 18.2 | 11.1 | 14.4 | 330.3 | 330.9 | 0.0 | 99.9 | 14.4 | 31. |
| 37.5 | 99.3 | 10702.6 | 250.0 | -50.0 | -62.8 | 218.7 | 18.2 | 11.4 | 14.2 | 331.7 | 330.9 | 0.0 | 99.9 | 15.9 | 31. |
| 40.3 | 103.9 | 11392.0 | 225.0 | -56.0 | -69.9 | 234.5 | 17.6 | 14.5 | 10.4 | 332.8 | 330.9 | 0.0 | 99.9 | 16.4 | 34. |
| 42.7 | 109.0 | 12122.4 | 200.0 | -61.3 | -74.9 | 243.7 | 19.7 | 17.6 | 8.7 | 335.6 | 330.9 | 0.0 | 99.9 | 21.9 | 37. |
| 45.2 | 114.8 | 12940.3 | 175.0 | -63.7 | -79.9 | 257.3 | 22.8 | 22.2 | 5.0 | 344.8 | 330.9 | 0.0 | 99.9 | 24.6 | 41. |
| 47.7 | 121.5 | 13988.8 | 150.0 | -61.0 | -76.9 | 270.4 | 20.9 | 20.9 | -0.1 | 355.0 | 330.9 | 0.0 | 99.9 | 27.0 | 46. |
| 51.1 | 127.9 | 15123.7 | 125.0 | -63.0 | -79.9 | 275.6 | 17.3 | 17.2 | -1.7 | 361.0 | 330.9 | 0.0 | 99.9 | 29.6 | 51. |
| 55.5 | 135.7 | 16379.9 | 100.0 | -66.9 | -84.9 | 275.6 | 18.4 | 18.3 | -1.9 | 368.5 | 330.9 | 0.0 | 99.9 | 33.7 | 56. |
| 61.2 | 144.7 | 18108.9 | 75.0 | -69.9 | -89.9 | 298.7 | 12.8 | 11.2 | -6.1 | 428.5 | 330.9 | 0.0 | 99.9 | 38.7 | 62. |
| 70.7 | 155.0 | 20567.5 | 50.0 | -59.8 | -99.9 | 341.1 | 6.7 | 2.2 | -6.3 | 502.7 | 330.9 | 0.0 | 99.9 | 38.4 | 69. |
| 84.8 | 165.7 | 25322.2 | 25.0 | -50.4 | -99.9 | 228.3 | 7.1 | 5.3 | 4.7 | 640.2 | 330.9 | 0.0 | 99.9 | 39.5 | 72. |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 255
VICTORIA, TEXAS

19 APRIL 1979
1105 GMT

| TIME MIN | CNTCT | WEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DEG K | E POT T DEG K | MX RTO CM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|---------------|-----------------|-----------|----------------|-----------------|-----------------|----------------|------------------|-----------------|-----------|-------------|----------|
| 0.0 | 6.2 | 33.0 | 1011.0 | 22.2 | 21.0 | 180.0 | 2.6 | 0.0 | 2.6 | 294.4 | 314.9 | 15.7 | 93.0 | 0.0 | 0. |
| 0.3 | 7.2 | 128.7 | 1000.0 | 22.3 | 21.1 | 158.4 | 8.4 | -3.6 | 7.6 | 295.5 | 316.9 | 16.0 | 92.9 | 0.3 | 337. |
| 1.1 | 9.3 | 349.7 | 975.0 | 21.8 | 20.1 | 151.0 | 7.4 | -3.2 | 6.7 | 297.1 | 317.4 | 15.4 | 90.2 | 0.5 | 335. |
| 2.0 | 11.5 | 575.5 | 950.0 | 20.1 | 18.5 | 161.6 | 6.7 | -2.1 | 6.4 | 297.6 | 318.1 | 14.3 | 90.3 | 0.9 | 335. |
| 3.0 | 13.6 | 405.8 | 925.0 | 18.3 | 17.0 | 175.8 | 6.6 | -0.5 | 6.6 | 298.1 | 318.1 | 13.3 | 91.7 | 1.3 | 339. |
| 3.9 | 15.9 | 1041.1 | 900.0 | 17.5 | 16.1 | 183.3 | 7.4 | 1.1 | 7.3 | 299.6 | 318.9 | 12.9 | 91.4 | 1.7 | 343. |
| 4.9 | 19.1 | 1291.7 | 875.0 | 15.2 | 13.9 | 190.4 | 8.9 | 2.2 | 8.6 | 299.6 | 319.2 | 11.5 | 91.4 | 2.1 | 351. |
| 6.0 | 20.3 | 1527.7 | 850.0 | 13.8 | 12.5 | 190.4 | 11.7 | 2.1 | 11.5 | 300.6 | 319.6 | 10.8 | 91.5 | 2.7 | 356. |
| 7.1 | 22.6 | 1779.7 | 825.0 | 12.3 | 8.1 | 196.9 | 11.9 | 3.5 | 11.4 | 301.6 | 319.6 | 8.4 | 75.3 | 3.5 | 359. |
| 8.1 | 24.9 | 2036.9 | 800.0 | 11.5 | -3.8 | 218.0 | 12.2 | 7.2 | 9.9 | 303.4 | 319.8 | 3.6 | 36.0 | 4.1 | 4. |
| 9.0 | 27.2 | 2322.6 | 775.0 | 11.9 | -1.0 | 227.1 | 12.4 | 9.1 | 8.5 | 306.6 | 320.0 | 4.6 | 40.8 | 4.7 | 9. |
| 10.0 | 29.6 | 2576.4 | 750.0 | 9.9 | 0.0 | 231.6 | 13.1 | 10.3 | 8.2 | 307.3 | 322.0 | 5.1 | 50.2 | 5.2 | 14. |
| 11.0 | 32.0 | 2857.0 | 725.0 | 7.4 | 0.0 | 229.6 | 12.1 | 9.3 | 7.8 | 307.6 | 322.8 | 5.3 | 59.5 | 5.9 | 19. |
| 12.3 | 34.5 | 3145.5 | 700.0 | 6.2 | -3.3 | 211.9 | 8.8 | 4.6 | 7.5 | 309.3 | 322.0 | 4.3 | 51.3 | 6.6 | 22. |
| 13.4 | 37.0 | 3443.1 | 675.0 | 4.9 | -10.5 | 168.1 | 6.5 | -1.3 | 6.4 | 311.2 | 319.0 | 2.5 | 31.5 | 7.1 | 22. |
| 14.7 | 39.6 | 3749.9 | 650.0 | 2.6 | -15.6 | 136.7 | 6.6 | -4.6 | 4.8 | 311.9 | 317.4 | 1.7 | 24.7 | 7.4 | 19. |
| 16.0 | 42.2 | 4066.0 | 625.0 | 1.0 | -16.2 | 129.0 | 7.0 | -5.5 | 4.4 | 313.6 | 319.1 | 1.7 | 26.3 | 7.6 | 15. |
| 17.2 | 44.9 | 4372.5 | 600.0 | -1.6 | -21.1 | 123.3 | 6.8 | -5.7 | 3.7 | 314.2 | 319.1 | 1.2 | 21.0 | 7.8 | 11. |
| 18.2 | 47.6 | 4710.2 | 575.0 | -3.1 | -24.3 | 125.0 | 5.4 | -4.2 | 3.4 | 316.4 | 323.5 | 0.1 | 2.0 | 8.0 | 9. |
| 19.3 | 50.3 | 5040.4 | 550.0 | -5.0 | -16.2 | 173.1 | 3.4 | -0.4 | 3.4 | 317.2 | 323.5 | 2.0 | 43.8 | 8.1 | 7. |
| 20.5 | 53.1 | 5433.7 | 525.0 | -7.9 | -11.5 | 244.2 | 6.6 | 5.9 | 2.9 | 319.0 | 326.4 | 3.0 | 75.1 | 8.4 | 9. |
| 22.0 | 56.1 | 5821.9 | 500.0 | -10.3 | -15.7 | 250.2 | 10.0 | 9.4 | 3.4 | 320.5 | 327.7 | 2.2 | 64.3 | 8.7 | 13. |
| 23.5 | 59.0 | 6214.9 | 475.0 | -13.4 | -14.9 | 245.4 | 9.4 | 8.3 | 4.3 | 321.4 | 329.4 | 2.5 | 68.2 | 9.4 | 18. |
| 25.3 | 62.1 | 6625.6 | 450.0 | -15.5 | -18.2 | 245.4 | 9.0 | 8.2 | 3.7 | 323.0 | 330.4 | 2.0 | 79.5 | 10.0 | 22. |
| 26.9 | 65.3 | 7054.7 | 425.0 | -17.0 | -20.8 | 245.0 | 9.3 | 8.4 | 3.9 | 324.7 | 330.3 | 1.7 | 85.6 | 10.7 | 25. |
| 28.5 | 68.5 | 7503.9 | 400.0 | -22.1 | -23.9 | 250.3 | 11.0 | 10.4 | 3.7 | 326.2 | 330.9 | 1.4 | 86.0 | 11.4 | 28. |
| 30.1 | 71.9 | 7975.6 | 375.0 | -25.4 | -29.9 | 259.3 | 14.6 | 14.4 | 2.7 | 327.9 | 330.9 | 0.8 | 66.3 | 12.3 | 32. |
| 31.8 | 75.4 | 8472.7 | 350.0 | -29.0 | -33.7 | 268.1 | 16.9 | 16.9 | 0.6 | 329.6 | 331.9 | 0.6 | 63.6 | 13.3 | 38. |
| 33.6 | 79.0 | 8928.1 | 325.0 | -33.0 | -40.5 | 269.3 | 17.3 | 17.3 | 0.2 | 331.2 | 332.4 | 0.3 | 45.6 | 14.5 | 44. |
| 35.4 | 82.9 | 9355.8 | 300.0 | -37.9 | -46.4 | 269.2 | 19.5 | 19.5 | 0.6 | 332.0 | 332.7 | 0.2 | 40.1 | 16.1 | 49. |
| 37.7 | 86.8 | 10149.3 | 275.0 | -42.6 | -59.7 | 271.8 | 23.9 | 23.9 | -0.8 | 333.5 | 333.5 | 99.9 | 99.9 | 18.3 | 55. |
| 40.1 | 91.0 | 10783.9 | 250.0 | -49.7 | -69.9 | 275.2 | 26.8 | 26.6 | -2.4 | 333.7 | 333.7 | 99.9 | 99.9 | 21.2 | 61. |
| 42.5 | 95.4 | 11458.6 | 225.0 | -53.9 | -73.9 | 275.5 | 25.7 | 25.6 | -2.5 | 335.9 | 335.9 | 99.9 | 99.9 | 24.5 | 66. |
| 44.9 | 100.2 | 12116.5 | 200.0 | -58.7 | -79.9 | 271.4 | 22.0 | 22.0 | -0.5 | 339.9 | 339.9 | 99.9 | 99.9 | 27.6 | 69. |
| 47.0 | 105.4 | 13051.7 | 175.0 | -59.7 | -79.9 | 272.7 | 23.7 | 23.7 | -1.1 | 351.4 | 351.4 | 99.9 | 99.9 | 31.4 | 72. |
| 51.3 | 111.0 | 14012.1 | 150.0 | -61.3 | -81.3 | 279.0 | 29.4 | 29.1 | -4.6 | 364.5 | 364.5 | 99.9 | 99.9 | 36.5 | 76. |
| 55.3 | 117.3 | 15135.0 | 125.0 | -63.3 | -83.3 | 277.9 | 25.5 | 25.3 | -3.5 | 380.4 | 380.4 | 99.9 | 99.9 | 42.9 | 79. |
| 59.9 | 124.7 | 15488.0 | 100.0 | -68.5 | -88.5 | 277.0 | 18.4 | 18.4 | -1.0 | 395.4 | 395.4 | 99.9 | 99.9 | 48.0 | 81. |
| 65.4 | 133.0 | 16176.7 | 75.0 | -69.5 | -89.5 | 277.0 | 12.3 | 12.3 | -0.5 | 427.1 | 427.1 | 99.9 | 99.9 | 53.2 | 82. |
| 73.2 | 143.0 | 20650.1 | 50.0 | -59.1 | -99.9 | 277.7 | 4.0 | 4.0 | -0.5 | 504.1 | 504.1 | 99.9 | 99.9 | 56.2 | 83. |
| 85.1 | 155.0 | 25121.5 | 25.0 | -47.2 | -99.9 | 34.0 | 2.4 | -1.3 | -2.0 | 648.9 | 648.9 | 99.9 | 99.9 | 55.2 | 85. |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 255
VICTORIA, TEXAS19 APRIL 1979
1400 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP °C | DEW PT °C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | WX RTO GM/KG | QM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|------------|--------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 5.1 | 33.0 | 1011.9 | 22.4 | 21.7 | 180.0 | 2.6 | 0.0 | 2.6 | 294.6 | 336.8 | 16.4 | 95.0 | 0.0 | 0. |
| 0.4 | 6.1 | 136.4 | 1000.0 | 22.3 | 21.7 | 999.9 | 99.9 | 99.9 | 99.9 | 295.5 | 338.4 | 16.6 | 96.3 | 999.9 | 999. |
| 1.3 | 8.3 | 357.2 | 975.0 | 20.3 | 19.7 | 999.9 | 99.9 | 99.9 | 99.9 | 295.6 | 336.8 | 15.1 | 96.2 | 999.9 | 999. |
| 2.1 | 10.5 | 591.8 | 950.0 | 19.0 | 19.3 | 999.9 | 99.9 | 99.9 | 99.9 | 297.4 | 336.7 | 15.0 | 96.3 | 999.9 | 999. |
| 2.9 | 12.4 | 812.2 | 925.0 | 18.6 | 17.9 | 999.9 | 99.9 | 99.9 | 99.9 | 298.3 | 335.5 | 14.1 | 95.7 | 999.9 | 999. |
| 3.9 | 15.1 | 1047.9 | 900.0 | 17.8 | 16.9 | 999.9 | 99.9 | 99.9 | 99.9 | 299.8 | 336.0 | 13.6 | 94.5 | 2.1 | 357. |
| 4.6 | 17.1 | 1249.4 | 875.0 | 16.2 | 15.1 | 181.9 | 10.0 | 0.3 | 10.0 | 300.7 | 334.0 | 12.5 | 92.9 | 2.7 | 359. |
| 5.6 | 19.4 | 1536.4 | 850.0 | 15.3 | 13.8 | 178.2 | 9.3 | -0.3 | 9.3 | 302.1 | 333.9 | 11.6 | 91.0 | 3.2 | 359. |
| 6.6 | 22.2 | 1799.8 | 825.0 | 13.8 | 12.0 | 181.1 | 9.7 | 0.2 | 9.7 | 303.1 | 332.4 | 10.7 | 88.8 | 3.7 | 359. |
| 7.5 | 25.6 | 2049.4 | 800.0 | 12.0 | 10.5 | 182.9 | 9.9 | 0.5 | 9.9 | 303.9 | 331.5 | 10.1 | 90.7 | 4.3 | 359. |
| 9.5 | 27.0 | 2315.6 | 775.0 | 11.1 | 8.5 | 189.3 | 9.1 | 1.5 | 8.9 | 305.8 | 330.9 | 9.1 | 83.9 | 4.9 | 360. |
| 9.5 | 29.5 | 2599.6 | 750.0 | 10.2 | 3.7 | 207.5 | 7.2 | 3.3 | 6.4 | 307.7 | 326.7 | 6.7 | 61.0 | 5.3 | 1. |
| 10.5 | 32.1 | 2871.2 | 725.0 | 8.5 | 1.1 | 232.6 | 7.1 | 5.5 | 4.5 | 308.8 | 325.3 | 5.7 | 59.7 | 5.7 | 4. |
| 11.6 | 36.7 | 3160.3 | 700.0 | 5.7 | 0.5 | 235.9 | 7.7 | 6.4 | 4.3 | 308.8 | 325.1 | 5.7 | 69.2 | 6.0 | 7. |
| 12.6 | 37.3 | 3457.2 | 675.0 | 3.3 | 1.6 | 237.4 | 8.3 | 6.7 | 5.0 | 309.3 | 327.6 | 6.4 | 88.7 | 6.3 | 11. |
| 13.7 | 19.9 | 3762.4 | 650.0 | 0.9 | 0.5 | 237.1 | 9.0 | 7.5 | 4.9 | 310.0 | 327.6 | 6.1 | 95.7 | 6.7 | 14. |
| 14.7 | 42.7 | 4077.1 | 625.0 | -1.6 | -2.1 | 247.9 | 8.6 | 8.2 | 3.3 | 310.7 | 326.1 | 5.3 | 96.4 | 7.1 | 17. |
| 15.7 | 45.4 | 4401.5 | 600.0 | -3.7 | -6.5 | 247.7 | 6.4 | 5.9 | 2.4 | 311.8 | 323.6 | 3.9 | 81.4 | 7.5 | 21. |
| 17.1 | 48.2 | 4737.1 | 575.0 | -4.9 | -10.9 | 228.8 | 4.3 | 3.0 | 3.0 | 314.2 | 323.1 | 2.9 | 62.7 | 7.7 | 23. |
| 18.3 | 51.1 | 5096.5 | 550.0 | -5.9 | -12.4 | 221.7 | 2.6 | 1.7 | 1.9 | 317.1 | 325.4 | 2.7 | 60.1 | 8.0 | 23. |
| 19.6 | 54.0 | 5469.9 | 525.0 | -7.5 | -16.0 | 247.7 | 2.3 | 2.1 | 0.9 | 319.5 | 326.1 | 2.1 | 50.1 | 8.1 | 23. |
| 21.0 | 57.0 | 5827.9 | 500.0 | -10.5 | -16.3 | 249.2 | 4.5 | 4.1 | 1.9 | 320.2 | 327.1 | 2.1 | 62.4 | 8.3 | 25. |
| 22.3 | 63.1 | 6281.7 | 475.0 | -12.5 | -19.2 | 248.2 | 7.8 | 7.2 | 2.9 | 322.5 | 328.3 | 1.8 | 57.1 | 8.7 | 27. |
| 23.6 | 63.4 | 6632.7 | 450.0 | -15.5 | -20.8 | 251.5 | 9.5 | 9.0 | 3.0 | 323.8 | 329.1 | 1.6 | 63.3 | 9.2 | 30. |
| 25.0 | 68.6 | 7052.4 | 425.0 | -19.2 | -23.5 | 258.9 | 11.5 | 11.1 | 3.0 | 325.6 | 330.1 | 1.3 | 63.2 | 9.8 | 33. |
| 26.5 | 70.0 | 7512.3 | 400.0 | -21.5 | -25.3 | 257.7 | 15.2 | 14.6 | 4.3 | 327.0 | 331.0 | 1.2 | 69.8 | 10.7 | 39. |
| 29.1 | 73.4 | 7955.2 | 375.0 | -25.1 | -28.9 | 251.5 | 15.8 | 15.0 | 5.0 | 328.4 | 331.6 | 0.9 | 70.6 | 12.1 | 42. |
| 30.0 | 77.1 | 8382.5 | 350.0 | -29.0 | -32.5 | 246.5 | 14.9 | 13.7 | 5.9 | 329.7 | 332.2 | 0.7 | 71.7 | 13.6 | 45. |
| 31.9 | 80.9 | 8795.6 | 325.0 | -32.8 | -40.7 | 246.3 | 15.0 | 13.7 | 6.0 | 331.5 | 332.8 | 0.3 | 44.4 | 15.2 | 47. |
| 33.7 | 85.9 | 9566.8 | 300.0 | -37.4 | -46.0 | 246.3 | 17.1 | 15.6 | 6.9 | 332.7 | 333.4 | 0.2 | 39.7 | 16.9 | 49. |
| 35.7 | 89.7 | 10163.8 | 275.0 | -42.7 | 99.9 | 252.4 | 18.7 | 17.8 | 5.7 | 337.4 | 999.9 | 99.9 | 999.9 | 18.9 | 51. |
| 37.9 | 93.4 | 10796.0 | 250.0 | -48.6 | 99.9 | 252.4 | 20.7 | 19.7 | 6.3 | 337.8 | 999.9 | 99.9 | 999.9 | 21.2 | 54. |
| 40.0 | 98.0 | 11479.5 | 225.0 | -54.6 | 99.9 | 252.1 | 24.6 | 23.4 | 7.5 | 334.8 | 999.9 | 99.9 | 999.9 | 24.1 | 56. |
| 42.4 | 103.0 | 12224.3 | 200.0 | -59.1 | 99.9 | 262.2 | 20.8 | 20.6 | 2.8 | 339.1 | 999.9 | 99.9 | 999.9 | 27.4 | 58. |
| 45.1 | 108.7 | 13053.9 | 175.0 | -63.6 | 99.9 | 270.4 | 23.7 | 23.7 | -0.2 | 349.9 | 999.9 | 99.9 | 999.9 | 30.2 | 61. |
| 48.2 | 118.3 | 14013.9 | 150.0 | -62.0 | 99.9 | 278.8 | 29.3 | 29.2 | -2.5 | 363.4 | 999.9 | 99.9 | 999.9 | 34.7 | 66. |
| 51.6 | 120.7 | 15137.4 | 125.0 | -61.8 | 99.9 | 272.2 | 25.6 | 25.6 | -1.0 | 383.2 | 999.9 | 99.9 | 999.9 | 39.9 | 70. |
| 55.6 | 124.0 | 16495.1 | 100.0 | -68.6 | 99.9 | 268.6 | 18.4 | 18.4 | 0.4 | 385.2 | 999.9 | 99.9 | 999.9 | 44.7 | 72. |
| 62.6 | 136.7 | 18215.3 | 75.0 | -70.3 | 99.9 | 277.5 | 10.0 | 9.9 | -1.3 | 425.6 | 999.9 | 99.9 | 999.9 | 48.6 | 74. |
| 67.4 | 147.0 | 20675.4 | 50.0 | -60.2 | 99.9 | 288.4 | 5.5 | 5.3 | -1.4 | 501.7 | 999.9 | 99.9 | 999.9 | 50.2 | 76. |
| 77.0 | 159.5 | 25159.6 | 25.0 | -46.5 | 99.9 | 151.6 | 2.4 | -1.1 | 2.1 | 651.3 | 999.9 | 99.9 | 999.9 | 49.2 | 77. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 255
VICTORIA, TEXAS

19 APRIL 1979
1700 GMT

| TIME MIN | CNTCT | WEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DEG K | E POT T DEG K | MY RTO GM/KG | RM PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|-----------------|-----------|-------------|-----------|
| 0.0 | 5.7 | 33.0 | 1012.4 | 25.1 | 23.0 | 170.0 | 5.1 | -0.9 | 5.0 | 297.2 | 343.3 | 17.8 | 89.0 | 0.0 | 0. |
| 0.4 | 6.8 | 141.8 | 1000.0 | 24.2 | 23.3 | 185.2 | 8.5 | 0.0 | 8.5 | 297.4 | 345.1 | 18.4 | 94.8 | 0.3 | 2. |
| 1.2 | 8.5 | 343.7 | 975.0 | 22.3 | 21.4 | 180.1 | 8.7 | 0.0 | 8.7 | 297.6 | 341.1 | 16.7 | 94.8 | 0.7 | 4. |
| 2.1 | 11.0 | 500.0 | 950.0 | 20.9 | 20.0 | 172.2 | 8.8 | -1.2 | 8.8 | 298.4 | 339.5 | 15.7 | 96.6 | 1.1 | 1. |
| 2.9 | 13.2 | 321.3 | 925.0 | 19.6 | 18.8 | 164.6 | 10.7 | -2.9 | 10.3 | 299.4 | 338.9 | 15.0 | 95.0 | 1.6 | 357. |
| 3.7 | 15.4 | 1057.6 | 900.0 | 17.9 | 16.9 | 154.7 | 10.2 | -4.4 | 9.2 | 299.9 | 336.2 | 13.6 | 94.1 | 2.1 | 353. |
| 4.5 | 17.6 | 1299.1 | 875.0 | 16.5 | 15.7 | 166.2 | 9.9 | -2.4 | 9.6 | 300.9 | 333.4 | 12.1 | 89.3 | 2.5 | 349. |
| 5.2 | 19.8 | 1546.1 | 850.0 | 15.0 | 12.8 | 184.2 | 9.2 | 0.7 | 9.2 | 301.9 | 331.7 | 11.1 | 86.9 | 2.9 | 351. |
| 6.2 | 22.2 | 1799.0 | 825.0 | 13.7 | 10.2 | 187.5 | 10.1 | 1.3 | 10.0 | 303.0 | 329.2 | 9.6 | 79.9 | 3.4 | 353. |
| 7.0 | 24.5 | 2059.0 | 800.0 | 11.9 | 7.7 | 200.1 | 11.4 | 3.9 | 10.7 | 303.9 | 326.9 | 8.3 | 75.4 | 4.0 | 355. |
| 7.9 | 26.8 | 2324.2 | 775.0 | 11.6 | 4.4 | 223.5 | 10.5 | 7.2 | 7.6 | 306.3 | 325.6 | 6.8 | 61.2 | 4.4 | 363. |
| 8.9 | 29.3 | 2598.3 | 750.0 | 10.2 | 3.1 | 237.8 | 9.8 | 8.3 | 5.2 | 307.7 | 326.0 | 6.4 | 61.2 | 4.8 | 6. |
| 9.9 | 31.7 | 2779.9 | 725.0 | 9.1 | 3.3 | 238.6 | 10.3 | 8.8 | 4.8 | 308.3 | 327.5 | 6.7 | 72.1 | 5.2 | 11. |
| 10.9 | 34.2 | 3163.6 | 700.0 | 5.7 | 2.4 | 242.1 | 10.2 | 9.0 | 4.8 | 308.9 | 327.6 | 6.5 | 79.2 | 5.6 | 16. |
| 12.0 | 36.7 | 3455.4 | 675.0 | 3.2 | 1.6 | 242.8 | 9.6 | 8.6 | 4.4 | 309.2 | 327.6 | 6.4 | 89.6 | 6.1 | 20. |
| 13.0 | 39.1 | 3770.7 | 650.0 | 0.9 | -0.2 | 236.5 | 7.4 | 6.2 | 4.1 | 310.0 | 326.8 | 5.8 | 92.2 | 6.5 | 24. |
| 14.3 | 42.0 | 4045.6 | 625.0 | -2.5 | -1.6 | 216.8 | 6.0 | 3.6 | 4.8 | 311.9 | 327.9 | 5.5 | 91.9 | 6.9 | 25. |
| 15.3 | 44.6 | 4411.7 | 600.0 | -2.6 | -4.5 | 201.8 | 7.0 | 2.6 | 6.5 | 313.1 | 326.7 | 4.6 | 86.9 | 7.3 | 25. |
| 16.5 | 47.1 | 4749.9 | 575.0 | -1.9 | -6.9 | 198.3 | 7.2 | 2.3 | 6.9 | 315.5 | 327.5 | 4.0 | 73.5 | 7.8 | 25. |
| 17.8 | 50.1 | 5099.3 | 550.0 | -0.0 | -7.7 | 208.2 | 7.4 | 3.5 | 6.6 | 317.0 | 328.9 | 3.9 | 87.2 | 8.4 | 25. |
| 19.2 | 52.9 | 5432.5 | 525.0 | -8.2 | -10.0 | 225.7 | 8.5 | 6.1 | 5.9 | 318.6 | 329.1 | 3.4 | 85.4 | 9.9 | 25. |
| 20.4 | 55.5 | 5740.6 | 500.0 | -10.2 | -12.6 | 231.9 | 10.5 | 9.3 | 6.5 | 320.6 | 329.7 | 2.9 | 82.6 | 9.7 | 27. |
| 21.9 | 58.8 | 6234.2 | 475.0 | -12.9 | -16.3 | 240.3 | 10.9 | 9.5 | 5.4 | 322.0 | 329.3 | 2.3 | 75.5 | 10.5 | 30. |
| 23.4 | 61.9 | 6544.8 | 450.0 | -15.4 | -19.7 | 248.6 | 11.4 | 10.6 | 4.2 | 323.9 | 329.7 | 1.8 | 69.7 | 11.4 | 33. |
| 24.9 | 65.0 | 7074.3 | 425.0 | -18.1 | -22.9 | 251.5 | 13.9 | 13.2 | 4.4 | 325.8 | 330.5 | 1.4 | 65.8 | 12.3 | 35. |
| 26.4 | 69.3 | 7524.9 | 400.0 | -21.3 | -25.9 | 252.9 | 14.8 | 14.2 | 4.4 | 327.4 | 331.0 | 1.0 | 59.7 | 13.4 | 39. |
| 28.0 | 71.6 | 7990.1 | 375.0 | -23.7 | -33.8 | 254.6 | 15.9 | 15.4 | 4.2 | 330.2 | 332.3 | 0.6 | 38.9 | 14.6 | 43. |
| 29.9 | 75.1 | 8499.1 | 350.0 | -27.6 | -38.0 | 256.5 | 16.5 | 16.1 | 3.9 | 331.6 | 333.0 | 0.4 | 35.1 | 16.1 | 46. |
| 31.8 | 78.9 | 9027.5 | 325.0 | -32.2 | -43.5 | 256.4 | 16.2 | 15.7 | 3.8 | 332.4 | 333.2 | 0.2 | 30.1 | 17.9 | 49. |
| 33.7 | 82.7 | 9591.0 | 300.0 | -37.3 | -46.4 | 253.1 | 19.3 | 18.5 | 5.6 | 332.8 | 333.5 | 0.2 | 37.8 | 19.5 | 52. |
| 35.8 | 86.7 | 10182.9 | 275.0 | -42.7 | -50.9 | 261.0 | 19.1 | 19.8 | 3.0 | 333.3 | 333.9 | 99.9 | 999.9 | 21.5 | 56. |
| 38.0 | 93.9 | 10319.1 | 250.0 | -48.5 | -59.9 | 264.6 | 20.4 | 20.3 | 1.9 | 334.0 | 334.0 | 99.9 | 999.9 | 23.8 | 57. |
| 40.2 | 95.2 | 11502.3 | 225.0 | -53.9 | -63.9 | 262.0 | 23.1 | 22.8 | 3.2 | 335.9 | 335.9 | 99.9 | 999.9 | 25.5 | 60. |
| 42.6 | 102.0 | 12248.0 | 200.0 | -59.5 | -69.9 | 258.7 | 21.5 | 21.1 | 4.2 | 338.6 | 339.9 | 99.9 | 999.9 | 29.4 | 62. |
| 45.1 | 105.2 | 13358.7 | 175.0 | -58.5 | -68.9 | 260.4 | 26.1 | 25.7 | 4.4 | 353.4 | 339.9 | 99.9 | 999.9 | 32.8 | 64. |
| 48.0 | 110.8 | 14754.6 | 150.0 | -58.8 | -68.9 | 267.6 | 30.1 | 30.1 | 1.3 | 357.1 | 339.9 | 99.9 | 999.9 | 37.6 | 67. |
| 51.3 | 117.3 | 15181.3 | 125.0 | -64.5 | -68.9 | 263.0 | 24.7 | 24.7 | 3.0 | 358.2 | 339.9 | 99.9 | 999.9 | 42.9 | 69. |
| 55.2 | 124.1 | 14514.5 | 100.0 | -68.6 | -68.9 | 270.6 | 17.8 | 17.8 | -0.2 | 355.2 | 339.9 | 99.9 | 999.9 | 47.4 | 71. |
| 60.0 | 132.7 | 18255.0 | 75.0 | -68.3 | -68.9 | 282.3 | 11.6 | 11.3 | -2.5 | 429.8 | 339.9 | 99.9 | 999.9 | 51.4 | 73. |
| 64.6 | 143.0 | 20716.6 | 50.0 | -60.6 | -60.9 | 213.2 | 4.8 | 2.7 | 4.1 | 500.8 | 339.9 | 99.9 | 999.9 | 53.1 | 74. |
| 77.0 | 154.5 | 25208.3 | 25.0 | -46.2 | -60.9 | 183.0 | 2.7 | 0.1 | 2.7 | 652.0 | 339.9 | 99.9 | 999.9 | 53.2 | 75. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 255
VICTORIA, TEXAS

19 APRIL 1979
2005 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | J COMP M/SEC | V COMP M/SEC | POI T DEG K | E POT T DEG K | WX RTO GM/KS | 3M PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|-----------------|-----------|-------------|-----------|
| 0.2 | 6.0 | 33.0 | 1009.3 | 25.0 | 22.9 | 150.0 | 7.2 | -3.6 | 6.2 | 298.2 | 344.4 | 17.7 | 84.0 | 3.0 | 0. |
| 0.2 | 6.5 | 114.9 | 1020.0 | 25.1 | 22.8 | 99.9 | 99.9 | 99.9 | 99.9 | 298.2 | 344.5 | 17.7 | 84.0 | 597.9 | 913. |
| 1.1 | 5.9 | 317.6 | 975.0 | 23.1 | 22.0 | 99.9 | 99.9 | 99.9 | 99.9 | 298.4 | 343.6 | 17.4 | 93.8 | 599.9 | 923. |
| 1.7 | 11.1 | 564.5 | 950.0 | 21.6 | 20.7 | 99.9 | 99.9 | 99.9 | 99.9 | 299.1 | 342.2 | 16.6 | 93.7 | 1.0 | 33. |
| 2.7 | 13.1 | 796.2 | 925.0 | 19.6 | 18.8 | 156.1 | 10.5 | -2.2 | 10.3 | 299.4 | 339.9 | 15.0 | 95.1 | 1.5 | 33. |
| 3.4 | 15.5 | 1012.6 | 900.0 | 17.9 | 16.6 | 177.7 | 10.8 | -0.4 | 10.8 | 299.9 | 335.5 | 13.1 | 92.5 | 2.0 | 34. |
| 4.3 | 17.7 | 1276.2 | 875.0 | 17.0 | 14.9 | 186.5 | 11.0 | 1.2 | 10.9 | 301.5 | 334.6 | 12.3 | 87.2 | 2.5 | 34. |
| 5.2 | 20.0 | 1521.5 | 850.0 | 15.3 | 13.3 | 190.6 | 10.3 | 1.9 | 10.1 | 302.2 | 333.0 | 11.4 | 87.7 | 3.1 | 35. |
| 6.0 | 22.4 | 1775.1 | 825.0 | 13.8 | 11.6 | 199.6 | 9.2 | 3.1 | 8.7 | 303.2 | 331.5 | 10.5 | 85.3 | 3.5 | 35. |
| 6.9 | 24.7 | 2014.6 | 800.0 | 12.5 | 9.2 | 204.6 | 10.8 | 4.5 | 9.8 | 304.5 | 329.9 | 9.2 | 80.6 | 3.9 | 37. |
| 7.9 | 27.1 | 2301.0 | 775.0 | 11.4 | 6.0 | 207.8 | 10.6 | 5.0 | 9.4 | 306.1 | 327.4 | 7.6 | 69.4 | 4.5 | 1. |
| 8.4 | 29.5 | 2574.6 | 750.0 | 9.5 | 3.3 | 213.7 | 9.9 | 5.5 | 8.3 | 306.9 | 325.3 | 6.5 | 65.2 | 5.0 | 4. |
| 9.4 | 31.9 | 2855.6 | 725.0 | 7.9 | 3.9 | 220.4 | 11.2 | 7.2 | 8.5 | 308.1 | 328.1 | 7.0 | 75.3 | 5.5 | 8. |
| 10.3 | 34.4 | 3144.7 | 700.0 | 5.9 | 4.2 | 227.3 | 13.7 | 10.1 | 9.3 | 309.0 | 330.1 | 7.4 | 88.7 | 6.1 | 12. |
| 11.0 | 36.9 | 3442.1 | 675.0 | 4.2 | 1.1 | 236.9 | 14.8 | 12.4 | 8.1 | 310.3 | 328.2 | 6.2 | 80.7 | 6.9 | 17. |
| 13.0 | 39.5 | 3748.5 | 650.0 | 1.8 | -1.6 | 242.5 | 16.3 | 14.5 | 7.5 | 311.0 | 326.3 | 5.3 | 78.3 | 7.7 | 23. |
| 14.1 | 42.1 | 4064.0 | 625.0 | -0.4 | -2.2 | 249.8 | 17.5 | 16.4 | 6.0 | 312.0 | 327.3 | 5.2 | 87.8 | 8.6 | 25. |
| 15.4 | 44.9 | 4389.6 | 600.0 | -2.0 | -4.4 | 251.1 | 16.9 | 15.0 | 5.5 | 312.8 | 326.5 | 4.6 | 89.0 | 9.6 | 33. |
| 15.5 | 47.6 | 4726.6 | 575.0 | -3.9 | -8.3 | 248.8 | 15.6 | 14.6 | 5.6 | 315.5 | 326.3 | 3.6 | 71.2 | 12.5 | 37. |
| 17.7 | 50.3 | 5077.0 | 550.0 | -5.3 | -10.8 | 246.7 | 16.2 | 14.9 | 6.4 | 317.6 | 327.3 | 3.1 | 65.2 | 11.5 | 40. |
| 18.9 | 53.2 | 5461.7 | 525.0 | -5.9 | -12.3 | 249.9 | 16.4 | 15.4 | 5.6 | 320.1 | 329.0 | 2.6 | 63.6 | 12.5 | 42. |
| 20.2 | 56.1 | 5821.3 | 500.0 | -9.1 | -15.0 | 251.9 | 16.3 | 15.5 | 5.0 | 322.0 | 329.6 | 2.4 | 61.7 | 13.6 | 45. |
| 21.6 | 59.1 | 6217.8 | 475.0 | -10.0 | -19.4 | 259.8 | 16.7 | 16.4 | 3.0 | 325.6 | 331.3 | 1.7 | 46.1 | 14.8 | 47. |
| 23.2 | 62.1 | 6632.5 | 450.0 | -12.7 | -23.1 | 266.8 | 17.4 | 17.4 | 1.0 | 327.3 | 331.7 | 1.3 | 41.2 | 16.1 | 51. |
| 24.9 | 65.4 | 7020.8 | 425.0 | -15.7 | -29.3 | 262.9 | 17.6 | 17.5 | 2.2 | 328.9 | 331.6 | 0.8 | 29.8 | 17.5 | 53. |
| 26.5 | 68.6 | 7520.8 | 400.0 | -19.0 | -34.2 | 257.6 | 19.9 | 19.4 | 4.3 | 330.3 | 332.2 | 0.5 | 24.5 | 19.2 | 58. |
| 28.3 | 72.0 | 7997.1 | 375.0 | -23.2 | -44.8 | 256.2 | 21.7 | 21.1 | 5.2 | 330.9 | 331.6 | 0.2 | 11.7 | 21.4 | 59. |
| 30.0 | 75.6 | 8499.2 | 350.0 | -26.8 | -59.4 | 254.6 | 21.1 | 20.4 | 5.6 | 332.7 | 332.9 | 0.0 | 3.2 | 23.5 | 62. |
| 31.5 | 79.1 | 9028.9 | 325.0 | -31.2 | -70.0 | 256.8 | 20.2 | 19.7 | 4.6 | 333.6 | 333.7 | 0.0 | 1.0 | 25.3 | 61. |
| 33.0 | 83.0 | 9549.7 | 300.0 | -36.6 | -82.3 | 261.3 | 20.6 | 20.4 | 3.1 | 335.1 | 333.9 | 0.0 | 4.9 | 27.0 | 62. |
| 34.5 | 86.3 | 10187.0 | 275.0 | -41.4 | -99.9 | 267.2 | 21.6 | 21.5 | 1.0 | 335.3 | 333.9 | 99.9 | 99.9 | 29.0 | 64. |
| 36.4 | 91.2 | 10766.7 | 250.0 | -46.9 | -99.9 | 281.1 | 19.0 | 18.6 | -3.7 | 336.4 | 333.6 | 99.9 | 99.9 | 33.9 | 66. |
| 38.4 | 95.6 | 11319.2 | 225.0 | -51.6 | -99.9 | 293.7 | 21.2 | 19.4 | -0.5 | 339.4 | 333.9 | 99.9 | 99.9 | 32.6 | 69. |
| 40.4 | 100.2 | 11872.7 | 200.0 | -56.8 | -99.9 | 295.8 | 25.8 | 23.3 | -11.3 | 342.8 | 333.9 | 99.9 | 99.9 | 34.6 | 72. |
| 42.9 | 105.4 | 13107.8 | 175.0 | -61.7 | -99.9 | 272.0 | 26.7 | 26.6 | -0.9 | 346.2 | 333.9 | 99.9 | 99.9 | 37.7 | 75. |
| 45.9 | 111.7 | 14355.9 | 150.0 | -60.4 | -99.9 | 259.6 | 28.1 | 27.6 | 5.0 | 366.1 | 333.9 | 99.9 | 99.9 | 42.8 | 76. |
| 49.9 | 117.3 | 15733.9 | 125.0 | -62.2 | -99.9 | 257.7 | 26.0 | 25.4 | 5.5 | 382.3 | 333.9 | 99.9 | 99.9 | 47.9 | 78. |
| 52.3 | 124.7 | 17467.9 | 100.0 | -69.2 | -99.9 | 267.9 | 18.9 | 18.9 | 0.7 | 394.0 | 333.9 | 99.9 | 99.9 | 52.4 | 78. |
| 46.9 | 133.0 | 19754.2 | 75.0 | -72.6 | -99.9 | 283.8 | 11.9 | 11.6 | -2.8 | 420.7 | 333.9 | 99.9 | 99.9 | 56.1 | 78. |
| 43.3 | 143.5 | 20711.1 | 50.0 | -61.3 | -99.9 | 220.2 | 4.1 | 4.0 | 4.7 | 499.2 | 333.9 | 99.9 | 99.9 | 58.6 | 79. |
| 73.2 | 156.0 | 25189.8 | 25.0 | -47.6 | -99.9 | 216.2 | 1.6 | 0.9 | 1.3 | 647.9 | 333.9 | 99.9 | 99.9 | 58.9 | 80. |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 255
VICTORIA, TEXAS19 APRIL 1979
2305 GMT

| TIME MIN | CNTCT | WEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX WIND M/SEC | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|---------------|-----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|------------------|-----------|-------------|----------|
| 0.0 | 5.8 | 33.0 | 1008.8 | 25.6 | 21.7 | 170.0 | 7.2 | -1.3 | 7.1 | 298.0 | 341.0 | 16.4 | 79.0 | 0.0 | 0. |
| 0.6 | 6.6 | 110.3 | 1009.0 | 24.4 | 21.5 | 158.7 | 8.2 | -3.0 | 7.7 | 297.5 | 340.1 | 16.4 | 83.9 | 0.3 | 336. |
| 1.2 | 8.8 | 332.3 | 975.0 | 22.4 | 20.5 | 158.4 | 8.8 | -3.2 | 8.2 | 297.7 | 339.1 | 15.8 | 89.0 | 0.6 | 338. |
| 2.1 | 11.1 | 588.4 | 950.0 | 20.2 | 19.0 | 158.7 | 9.4 | -3.4 | 8.8 | 297.7 | 336.3 | 14.8 | 93.1 | 1.1 | 337. |
| 2.9 | 13.4 | 788.7 | 925.0 | 18.4 | 17.3 | 162.9 | 9.6 | -2.8 | 9.2 | 298.1 | 333.9 | 13.6 | 93.4 | 1.6 | 339. |
| 3.9 | 15.7 | 1074.0 | 903.0 | 17.2 | 15.5 | 163.5 | 8.8 | -2.5 | 8.4 | 298.2 | 332.3 | 12.4 | 89.7 | 2.1 | 340. |
| 4.7 | 18.0 | 1264.5 | 875.0 | 15.4 | 14.4 | 166.4 | 7.9 | -1.9 | 7.7 | 298.8 | 331.7 | 11.9 | 93.6 | 2.5 | 341. |
| 5.7 | 20.5 | 1510.9 | 850.0 | 14.3 | 13.2 | 166.3 | 7.5 | -1.8 | 7.3 | 301.1 | 331.6 | 11.3 | 93.4 | 3.0 | 342. |
| 6.7 | 22.8 | 1763.1 | 825.0 | 13.1 | 12.3 | 179.5 | 9.4 | -0.1 | 9.4 | 302.4 | 328.7 | 9.6 | 83.4 | 3.5 | 343. |
| 7.6 | 25.3 | 2222.5 | 800.0 | 11.8 | 10.3 | 203.6 | 11.8 | 4.7 | 10.8 | 305.8 | 317.6 | 4.1 | 32.9 | 3.9 | 347. |
| 8.6 | 27.7 | 2293.4 | 775.0 | 10.1 | 8.3 | 211.5 | 12.6 | 6.6 | 10.8 | 306.8 | 319.9 | 4.5 | 39.6 | 4.5 | 353. |
| 9.6 | 30.2 | 2563.1 | 750.0 | 9.7 | 7.1 | 211.8 | 12.2 | 6.4 | 10.3 | 307.1 | 324.2 | 6.0 | 59.4 | 5.1 | 359. |
| 10.6 | 32.7 | 2843.8 | 725.0 | 7.5 | 1.6 | 214.4 | 12.2 | 6.9 | 10.1 | 307.7 | 324.8 | 6.0 | 66.4 | 5.7 | 2. |
| 11.5 | 35.3 | 3132.3 | 700.0 | 5.5 | 1.0 | 222.5 | 15.3 | 9.5 | 10.3 | 308.6 | 325.6 | 5.9 | 72.5 | 6.4 | 7. |
| 12.7 | 37.9 | 3428.9 | 675.0 | 3.6 | -0.8 | 229.3 | 15.3 | 11.6 | 9.9 | 309.7 | 325.2 | 5.4 | 72.8 | 7.2 | 11. |
| 13.7 | 40.4 | 3716.6 | 650.0 | 1.2 | -3.4 | 239.3 | 16.9 | 14.5 | 8.6 | 310.3 | 323.4 | 4.4 | 69.1 | 7.9 | 16. |
| 14.0 | 43.1 | 4009.0 | 625.0 | -1.3 | -5.8 | 246.4 | 17.7 | 16.2 | 7.1 | 311.0 | 322.8 | 4.0 | 71.3 | 8.8 | 22. |
| 16.1 | 46.1 | 4373.4 | 600.0 | -3.5 | -8.1 | 245.1 | 17.5 | 15.9 | 7.4 | 312.1 | 324.2 | 4.1 | 82.3 | 9.8 | 28. |
| 17.3 | 48.9 | 4709.0 | 575.0 | -5.6 | -10.1 | 244.2 | 16.2 | 14.6 | 7.0 | 313.4 | 325.1 | 3.9 | 89.9 | 10.8 | 32. |
| 18.6 | 51.8 | 5059.0 | 550.0 | -7.8 | -12.1 | 244.6 | 15.9 | 14.4 | 6.8 | 315.4 | 325.8 | 2.3 | 49.3 | 11.8 | 35. |
| 19.9 | 54.8 | 5423.2 | 525.0 | -7.7 | -15.3 | 247.8 | 17.0 | 15.7 | 6.4 | 319.2 | 326.2 | 2.2 | 53.9 | 12.9 | 39. |
| 21.2 | 57.9 | 5801.0 | 500.0 | -10.6 | -18.4 | 248.5 | 18.3 | 17.1 | 6.7 | 320.1 | 326.9 | 2.1 | 62.3 | 14.2 | 41. |
| 22.5 | 61.0 | 6194.1 | 475.0 | -12.8 | -17.0 | 252.6 | 18.3 | 17.5 | 5.5 | 322.1 | 329.0 | 2.1 | 70.6 | 15.4 | 43. |
| 24.0 | 64.1 | 6605. | 450.0 | -15.5 | -24.3 | 252.8 | 17.9 | 17.1 | 5.3 | 323.8 | 327.8 | 1.2 | 45.4 | 16.7 | 46. |
| 25.3 | 67.4 | 7036.6 | 425.0 | -18.4 | -28.1 | 251.7 | 18.7 | 17.8 | 5.9 | 325.3 | 328.9 | 1.1 | 50.5 | 18.1 | 48. |
| 26.7 | 70.9 | 7483.5 | 400.0 | -22.2 | -30.4 | 256.0 | 20.4 | 19.8 | 5.0 | 326.1 | 329.0 | 0.8 | 51.7 | 19.6 | 50. |
| 29.3 | 74.6 | 7954.6 | 375.0 | -25.9 | -33.7 | 257.0 | 22.3 | 21.8 | 5.0 | 327.3 | 330.0 | 0.8 | 63.6 | 21.4 | 52. |
| 30.4 | 78.1 | 8451.1 | 350.0 | -29.0 | -36.4 | 253.7 | 26.1 | 25.1 | 7.3 | 329.7 | 331.8 | 0.6 | 59.3 | 24.4 | 55. |
| 32.2 | 82.3 | 8977.2 | 325.0 | -32.9 | -38.7 | 251.4 | 24.3 | 23.0 | 7.8 | 331.3 | 332.8 | 0.4 | 55.0 | 26.9 | 57. |
| 33.5 | 86.0 | 9535.2 | 300.0 | -37.1 | -42.4 | 260.0 | 22.4 | 22.1 | 3.9 | 333.2 | 334.3 | 0.3 | 57.2 | 29.3 | 58. |
| 35.7 | 90.2 | 10131.6 | 275.0 | -41.3 | -45.9 | 284.3 | 16.8 | 16.3 | -4.1 | 335.3 | 999.9 | 99.9 | 999.9 | 30.9 | 60. |
| 37.5 | 94.4 | 10770.4 | 250.0 | -47.3 | -49.9 | 290.3 | 19.9 | 18.6 | -6.9 | 335.8 | 999.9 | 99.9 | 999.9 | 32.3 | 63. |
| 39.6 | 98.4 | 11458.4 | 225.0 | -53.2 | -53.9 | 291.1 | 23.7 | 22.1 | -8.5 | 337.0 | 999.9 | 99.9 | 999.9 | 34.3 | 66. |
| 42.0 | 104.4 | 12377.4 | 200.0 | -59.1 | -59.9 | 289.7 | 20.8 | 19.6 | -7.0 | 339.1 | 999.9 | 99.9 | 999.9 | 36.4 | 70. |
| 44.7 | 109.8 | 13331.5 | 175.0 | -65.3 | -65.9 | 274.1 | 21.8 | 21.8 | -1.6 | 342.2 | 999.9 | 99.9 | 999.9 | 39.3 | 73. |
| 48.0 | 115.8 | 13975.1 | 150.0 | -62.7 | -62.9 | 255.3 | 25.4 | 24.6 | 6.3 | 362.1 | 999.9 | 99.9 | 999.9 | 44.0 | 73. |
| 51.3 | 122.3 | 15003.4 | 125.0 | -65.6 | -65.9 | 264.3 | 33.2 | 33.1 | 3.3 | 376.2 | 999.9 | 99.9 | 999.9 | 50.1 | 74. |
| 55.6 | 129.5 | 16440.0 | 100.0 | -69.6 | -69.9 | 271.6 | 19.7 | 19.7 | -0.5 | 393.2 | 999.9 | 99.9 | 999.9 | 57.2 | 75. |
| 60.1 | 137.7 | 18146.4 | 75.0 | -77.4 | -77.4 | 309.7 | 11.9 | 9.1 | -7.6 | 431.8 | 999.9 | 99.9 | 999.9 | 60.8 | 77. |
| 67.2 | 146.7 | 20612.4 | 50.0 | -80.0 | -80.0 | 322.8 | 5.8 | 3.5 | -4.6 | 502.3 | 999.9 | 99.9 | 999.9 | 63.1 | 78. |
| 78.3 | 155.7 | 25593.5 | 25.0 | -87.8 | -87.8 | 90.7 | 0.9 | -0.9 | 1.0 | 647.6 | 999.9 | 99.9 | 999.9 | 63.1 | 80. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 255
VICTORIA, TEXAS20 APRIL 1979
205 GMT

119 102. 0

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DEG K | E POT T DEG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|-----------------|-----------|-------------|-----------|
| 00.0 | 5.5 | 33.0 | 1010.9 | 19.4 | 18.4 | 90.0 | 6.2 | -6.2 | 0.0 | 291.7 | 325.8 | 13.3 | 94.0 | 0.0 | 0. |
| 0.2 | 6.4 | 126.6 | 1000.0 | 19.0 | 17.5 | 909.9 | 99.9 | 99.9 | 99.9 | 292.1 | 324.8 | 12.7 | 91.8 | 399.9 | 999.9 |
| 0.4 | 8.5 | 344.7 | 975.0 | 18.8 | 15.9 | 999.9 | 99.9 | 99.9 | 99.9 | 294.1 | 324.8 | 11.8 | 83.7 | 999.9 | 999.9 |
| 0.6 | 10.6 | 569.3 | 950.0 | 21.8 | 13.1 | 999.9 | 99.9 | 99.9 | 99.9 | 299.4 | 326.3 | 10.1 | 57.8 | 999.9 | 999.9 |
| 1.0 | 12.4 | 400.9 | 925.0 | 21.0 | 11.5 | 900.9 | 99.9 | 99.9 | 99.9 | 300.8 | 326.0 | 9.3 | 54.5 | 999.9 | 999.9 |
| 2.0 | 15.1 | 1337.7 | 900.0 | 19.8 | 10.9 | 999.9 | 99.9 | 99.9 | 99.9 | 301.9 | 326.8 | 9.1 | 56.5 | 999.9 | 999.9 |
| 3.0 | 17.3 | 1240.1 | 875.0 | 19.1 | 9.7 | 999.9 | 99.9 | 99.9 | 99.9 | 302.6 | 326.5 | 8.7 | 59.0 | 999.9 | 999.9 |
| 4.0 | 19.5 | 1329.0 | 850.0 | 18.6 | 8.2 | 999.9 | 99.9 | 99.9 | 99.9 | 303.5 | 325.8 | 8.1 | 57.5 | 999.9 | 999.9 |
| 5.0 | 21.9 | 1752.0 | 825.0 | 15.4 | 7.3 | 909.9 | 99.9 | 99.9 | 99.9 | 304.8 | 326.7 | 7.8 | 58.7 | 999.9 | 999.9 |
| 6.1 | 24.2 | 2242.0 | 800.0 | 12.5 | 5.7 | 999.9 | 99.9 | 99.9 | 99.9 | 304.5 | 324.6 | 7.2 | 63.4 | 999.9 | 999.9 |
| 6.9 | 26.5 | 2308.0 | 775.0 | 10.5 | 5.3 | 999.9 | 99.9 | 99.9 | 99.9 | 305.1 | 325.4 | 7.2 | 70.3 | 999.9 | 999.9 |
| 7.7 | 29.0 | 2590.6 | 750.0 | 8.5 | 4.8 | 999.9 | 99.9 | 99.9 | 99.9 | 305.8 | 326.2 | 7.3 | 77.6 | 999.9 | 999.9 |
| 8.4 | 31.4 | 2441.0 | 725.0 | 7.2 | 4.4 | 999.9 | 99.9 | 99.9 | 99.9 | 307.3 | 327.8 | 7.3 | 82.3 | 999.9 | 999.9 |
| 9.5 | 33.9 | 3149.4 | 700.0 | 5.2 | 2.2 | 999.9 | 99.9 | 99.9 | 99.9 | 309.3 | 326.7 | 6.4 | 80.8 | 999.9 | 999.9 |
| 10.4 | 36.1 | 3446.7 | 675.0 | 4.3 | 0.2 | 999.9 | 99.9 | 99.9 | 99.9 | 310.5 | 327.2 | 5.8 | 76.5 | 999.9 | 999.9 |
| 11.9 | 39.4 | 3752.7 | 650.0 | 1.6 | -2.5 | 999.9 | 99.9 | 99.9 | 99.9 | 312.1 | 327.1 | 5.1 | 85.3 | 999.9 | 999.9 |
| 13.2 | 41.4 | 4268.0 | 625.0 | -3.4 | -3.1 | 999.9 | 99.9 | 99.9 | 99.9 | 313.9 | 329.0 | 5.1 | 92.0 | 999.9 | 999.9 |
| 14.4 | 44.1 | 4733.0 | 600.0 | -1.9 | -3.1 | 999.9 | 99.9 | 99.9 | 99.9 | 315.9 | 330.5 | 4.9 | 96.6 | 999.9 | 999.9 |
| 15.5 | 46.9 | 4731.8 | 575.0 | -3.5 | -4.2 | 999.9 | 99.9 | 99.9 | 99.9 | 317.3 | 330.2 | 4.3 | 94.2 | 999.9 | 999.9 |
| 16.6 | 49.4 | 5122.4 | 550.0 | -5.8 | -6.5 | 999.9 | 99.9 | 99.9 | 99.9 | 319.3 | 331.2 | 3.9 | 93.8 | 999.9 | 999.9 |
| 17.9 | 52.3 | 5416.4 | 525.0 | -7.6 | -8.4 | 999.9 | 99.9 | 99.9 | 99.9 | 321.6 | 332.5 | 3.5 | 93.1 | 999.9 | 999.9 |
| 19.5 | 55.1 | 5125.9 | 500.0 | -9.4 | -10.3 | 999.9 | 99.9 | 99.9 | 99.9 | 323.6 | 333.3 | 3.1 | 92.1 | 999.9 | 999.9 |
| 20.9 | 58.3 | 6230.9 | 475.0 | -11.6 | -12.6 | 999.9 | 99.9 | 99.9 | 99.9 | 326.1 | 334.7 | 2.7 | 90.3 | 999.9 | 999.9 |
| 22.1 | 61.1 | 6534.3 | 450.0 | -13.6 | -14.9 | 999.9 | 99.9 | 99.9 | 99.9 | 327.1 | 334.0 | 2.1 | 88.7 | 999.9 | 999.9 |
| 23.1 | 64.5 | 7356.8 | 425.0 | -17.1 | -18.5 | 999.9 | 99.9 | 99.9 | 99.9 | 328.4 | 333.8 | 1.6 | 86.3 | 999.9 | 999.9 |
| 24.1 | 67.7 | 7519.0 | 400.0 | -20.4 | -22.1 | 999.9 | 99.9 | 99.9 | 99.9 | 329.2 | 332.8 | 1.0 | 76.4 | 999.9 | 999.9 |
| 25.6 | 71.0 | 7902.9 | 375.0 | -24.5 | -27.7 | 999.9 | 99.9 | 99.9 | 99.9 | 331.1 | 334.0 | 0.8 | 75.3 | 16.0 | 84. |
| 27.3 | 74.6 | 4422.1 | 350.0 | -27.9 | -30.9 | 999.9 | 99.9 | 99.9 | 99.9 | 332.7 | 334.7 | 0.6 | 72.0 | 17.4 | 84. |
| 29.3 | 78.2 | 921.0 | 325.0 | -31.9 | -35.3 | 250.6 | 19.2 | 18.7 | 4.5 | 333.7 | 335.0 | 0.4 | 67.2 | 18.7 | 83. |
| 29.8 | 80.0 | 9581.2 | 300.0 | -36.7 | -40.5 | 240.4 | 12.3 | 12.1 | 2.0 | 335.0 | 335.0 | 99.9 | 999.9 | 19.8 | 83. |
| 31.5 | 85.9 | 10177.4 | 275.0 | -41.6 | 99.9 | 263.7 | 8.9 | 8.8 | 1.0 | 335.8 | 335.8 | 99.9 | 999.9 | 20.6 | 83. |
| 33.5 | 90.2 | 10415.6 | 250.0 | -47.3 | 99.9 | 254.9 | 5.7 | 5.5 | 1.5 | 337.5 | 337.5 | 99.9 | 999.9 | 21.2 | 83. |
| 35.1 | 94.6 | 11573.7 | 225.0 | -52.9 | 99.9 | 247.5 | 8.7 | 8.1 | 3.0 | 338.3 | 338.3 | 99.9 | 999.9 | 21.9 | 83. |
| 36.4 | 98.1 | 12531.3 | 200.0 | -59.7 | 99.9 | 247.5 | 7.2 | 6.7 | 2.8 | 342.6 | 339.9 | 99.9 | 999.9 | 22.4 | 82. |
| 37.9 | 104.4 | 13375.7 | 175.0 | -65.0 | 99.9 | 249.3 | 11.5 | 10.7 | 4.0 | 341.2 | 339.9 | 99.9 | 999.9 | 23.3 | 80. |
| 40.3 | 110.7 | 14016.1 | 150.0 | -63.2 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 379.3 | 339.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 47.3 | 118.3 | 15100.5 | 125.0 | -63.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 49.9 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 50.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 50.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 50.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 255
VICTORIA, TEXAS20 APRIL 1979
525 GMT

| TIME MIN | CNTCT | HEIGHT CM | PRES MB | TEMP CG C | DEW PT CG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | WX RTO CM/KG | PM PCT | RANGE KM | AZ DG |
|-------------|-------|--------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 6.3 | 33.0 | 1009.3 | 21.7 | 20.5 | 120.0 | 9.6 | -4.0 | 2.3 | 294.1 | 333.4 | 15.3 | 93.0 | 0.0 | 0. |
| 0.1 | 7.1 | 113.8 | 1008.0 | 22.2 | 20.9 | 140.2 | 12.4 | -7.9 | 9.5 | 295.3 | 336.0 | 15.0 | 92.3 | 0.3 | 307. |
| 1.1 | 9.3 | 330.7 | 995.0 | 21.6 | 20.3 | 144.7 | 12.3 | -7.1 | 10.0 | 296.9 | 337.6 | 15.6 | 92.3 | 0.7 | 315. |
| 1.4 | 11.5 | 560.3 | 950.0 | 20.0 | 18.7 | 151.7 | 11.3 | -5.4 | 9.9 | 297.5 | 335.3 | 14.5 | 92.2 | 1.3 | 321. |
| 2.7 | 13.9 | 770.2 | 925.0 | 17.9 | 16.6 | 153.5 | 11.1 | -4.9 | 9.9 | 297.7 | 332.0 | 13.0 | 92.1 | 1.8 | 325. |
| 3.5 | 16.2 | 1025.2 | 900.0 | 16.8 | 15.1 | 157.8 | 10.2 | -3.9 | 9.5 | 298.0 | 331.1 | 12.1 | 89.8 | 2.3 | 327. |
| 4.3 | 14.5 | 1265.7 | 875.0 | 15.6 | 12.1 | 171.6 | 10.3 | -1.5 | 10.2 | 300.0 | 327.5 | 10.2 | 79.5 | 2.6 | 330. |
| 5.3 | 20.9 | 1511.7 | 850.0 | 14.3 | 10.6 | 179.9 | 11.7 | -8.0 | 11.7 | 301.1 | 327.0 | 9.5 | 78.4 | 3.4 | 335. |
| 5.9 | 23.3 | 1763.9 | 825.0 | 13.0 | 5.6 | 193.7 | 12.5 | 3.0 | 12.1 | 302.4 | 321.7 | 7.0 | 60.7 | 3.9 | 339. |
| 7.0 | 25.7 | 2272.7 | 800.0 | 13.0 | 1.1 | 214.9 | 10.8 | 6.2 | 8.9 | 305.1 | 319.9 | 5.2 | 46.4 | 4.4 | 345. |
| 7.9 | 24.2 | 2288.7 | 775.0 | 12.9 | 3.1 | 243.9 | 8.6 | 7.7 | 3.8 | 307.7 | 325.5 | 6.2 | 51.4 | 4.6 | 351. |
| 8.9 | 33.7 | 2568.7 | 750.0 | 11.0 | 2.2 | 254.1 | 7.7 | 7.4 | 2.4 | 308.5 | 325.7 | 6.0 | 54.7 | 4.7 | 357. |
| 9.3 | 33.2 | 2948.5 | 725.0 | 9.4 | 1.0 | 259.2 | 7.5 | 7.4 | 1.4 | 309.7 | 325.1 | 5.7 | 59.4 | 4.8 | 2. |
| 10.7 | 35.8 | 3138.2 | 700.0 | 7.0 | -3.1 | 262.7 | 7.5 | 7.5 | 1.0 | 310.2 | 323.9 | 4.7 | 52.3 | 4.9 | 6. |
| 11.0 | 39.4 | 3438.0 | 675.0 | 4.3 | -4.3 | 273.8 | 6.4 | 6.4 | -0.4 | 310.4 | 322.6 | 4.1 | 53.6 | 5.0 | 12. |
| 12.4 | 41.1 | 3738.9 | 650.0 | 1.6 | -5.5 | 287.9 | 6.4 | 6.1 | -2.0 | 310.8 | 322.4 | 3.9 | 59.1 | 5.0 | 16. |
| 13.4 | 43.8 | 4055.1 | 625.0 | -0.9 | -6.6 | 287.8 | 7.3 | 6.9 | -2.2 | 311.4 | 322.6 | 3.7 | 65.3 | 5.0 | 21. |
| 15.7 | 46.4 | 4379.7 | 600.0 | -3.5 | -6.2 | 289.8 | 8.3 | 7.8 | -2.0 | 312.1 | 324.1 | 4.0 | 81.2 | 5.0 | 27. |
| 16.1 | 49.4 | 4715.5 | 575.0 | -5.5 | -11.0 | 289.0 | 9.0 | 8.6 | -2.8 | 313.6 | 322.4 | 2.9 | 84.8 | 5.2 | 33. |
| 17.2 | 52.3 | 5063.6 | 550.0 | -7.1 | -14.2 | 277.5 | 10.4 | 10.3 | -1.4 | 315.7 | 323.0 | 2.3 | 56.7 | 5.4 | 40. |
| 18.4 | 55.3 | 5355.2 | 525.0 | -6.6 | -13.6 | 262.8 | 12.4 | 12.3 | 1.6 | 316.9 | 324.9 | 2.6 | 72.7 | 5.9 | 45. |
| 19.5 | 59.4 | 5300.0 | 500.0 | -12.8 | -13.9 | 260.2 | 13.0 | 13.6 | 2.3 | 317.4 | 325.6 | 2.6 | 91.7 | 6.7 | 54. |
| 22.9 | 61.4 | 6190.9 | 475.0 | -13.6 | -20.3 | 262.9 | 14.4 | 14.3 | 1.8 | 321.2 | 325.6 | 1.3 | 47.3 | 7.6 | 54. |
| 23.1 | 64.6 | 6400.4 | 450.0 | -16.1 | -29.1 | 259.9 | 15.9 | 15.6 | 2.8 | 323.0 | 325.6 | 0.8 | 31.5 | 8.7 | 58. |
| 23.5 | 67.9 | 7229.0 | 425.0 | -18.0 | -31.3 | 259.9 | 17.1 | 17.0 | 1.9 | 325.9 | 326.2 | 0.1 | 3.5 | 10.1 | 61. |
| 25.2 | 71.1 | 7479.4 | 400.0 | -20.6 | -33.1 | 265.6 | 16.2 | 16.2 | 1.2 | 328.2 | 328.3 | 0.0 | 1.0 | 11.5 | 64. |
| 26.9 | 74.7 | 7953.0 | 375.0 | -23.9 | -65.2 | 270.3 | 19.5 | 19.5 | -0.1 | 330.0 | 330.1 | 0.0 | 1.0 | 13.2 | 67. |
| 28.5 | 78.3 | 8453.4 | 350.0 | -28.3 | -67.1 | 265.2 | 19.3 | 19.2 | 1.4 | 330.6 | 330.6 | 0.0 | 1.2 | 15.1 | 70. |
| 30.3 | 82.1 | 8979.4 | 325.0 | -37.1 | -63.1 | 258.6 | 17.7 | 17.4 | 3.4 | 331.1 | 331.2 | 0.0 | 3.2 | 16.9 | 72. |
| 32.1 | 86.0 | 9516.0 | 300.0 | -38.0 | -63.9 | 257.1 | 19.4 | 19.0 | 4.3 | 331.9 | 332.0 | 0.0 | 4.6 | 19.6 | 72. |
| 34.2 | 90.2 | 10129.7 | 275.0 | -42.9 | 99.9 | 258.4 | 25.5 | 25.0 | 5.1 | 333.2 | 999.9 | 99.9 | 999.9 | 21.3 | 73. |
| 35.9 | 94.5 | 10758.8 | 250.0 | -48.6 | 99.9 | 256.3 | 30.4 | 29.6 | 7.2 | 333.8 | 999.9 | 99.9 | 999.9 | 24.4 | 73. |
| 37.7 | 99.3 | 11149.3 | 225.0 | -54.0 | 99.9 | 253.2 | 31.5 | 30.1 | 9.1 | 335.8 | 999.9 | 99.9 | 999.9 | 28.1 | 73. |
| 42.6 | 104.3 | 12196.6 | 200.0 | -54.4 | 99.9 | 258.4 | 22.6 | 22.2 | 4.6 | 340.2 | 999.9 | 99.9 | 999.9 | 32.1 | 74. |
| 42.6 | 109.3 | 13288.7 | 175.0 | -62.1 | 99.9 | 248.4 | 19.7 | 18.3 | 7.2 | 347.5 | 999.9 | 99.9 | 999.9 | 35.0 | 74. |
| 45.9 | 115.3 | 13938.5 | 150.0 | -60.1 | 99.9 | 259.2 | 24.3 | 23.8 | 4.5 | 346.6 | 999.9 | 99.9 | 999.9 | 39.4 | 74. |
| 49.6 | 121.7 | 15117.4 | 125.0 | -64.3 | 99.9 | 267.2 | 27.9 | 27.8 | 1.4 | 378.6 | 999.9 | 99.9 | 999.9 | 45.1 | 75. |
| 53.4 | 129.3 | 16472.4 | 100.0 | -55.7 | 99.9 | 284.5 | 15.6 | 15.1 | -3.9 | 400.8 | 999.9 | 99.9 | 999.9 | 52.4 | 77. |
| 55.9 | 138.0 | 14203.4 | 75.0 | -64.2 | 99.9 | 270.6 | 12.8 | 12.8 | -0.1 | 429.9 | 999.9 | 99.9 | 999.9 | 54.0 | 79. |
| 65.4 | 144.5 | 23650.0 | 50.0 | -63.8 | 99.9 | 339.7 | 6.4 | 2.2 | -6.0 | 493.1 | 999.9 | 99.9 | 999.9 | 56.3 | 83. |
| 77.7 | 161.0 | 25110.3 | 25.0 | -47.2 | 99.9 | 102.8 | 3.1 | -3.1 | 0.7 | 648.9 | 999.9 | 99.9 | 999.9 | 55.1 | 82. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 255
VICTORIA, TEXAS20 APRIL 1979
805 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | J COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | 4R RTO GM/KG | 3M PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 2-3 | 5-3 | 33.0 | 1009.2 | 22.4 | 22.2 | 130.0 | 3.6 | -2.8 | 2.3 | 298.8 | 338.5 | 17.0 | 99.0 | 0.0 | 0- |
| 0-3 | 6-6 | 113.2 | 1000.0 | 22.4 | 21.7 | 159.7 | 9.6 | -3.3 | 9.0 | 293.6 | 336.4 | 16.8 | 95.7 | 0.2 | 330- |
| 1-3 | 9-9 | 334.1 | 975.0 | 21.4 | 20.7 | 161.0 | 9.9 | -3.2 | 9.4 | 290.7 | 336.3 | 16.0 | 95.4 | 0.6 | 335- |
| 1-4 | 11-3 | 559.5 | 950.0 | 19.4 | 18.4 | 167.6 | 9.4 | -2.0 | 9.2 | 290.9 | 336.0 | 16.2 | 94.0 | 1.0 | 339- |
| 2-6 | 13-7 | 740.7 | 925.0 | 19.7 | 17.2 | 175.2 | 9.9 | -0.8 | 9.9 | 298.4 | 336.0 | 13.5 | 90.8 | 1.4 | 343- |
| 3-4 | 16-2 | 1725.1 | 900.0 | 17.3 | 16.0 | 182.2 | 10.4 | 0.4 | 10.4 | 298.4 | 333.5 | 12.9 | 92.0 | 1.9 | 347- |
| 4-2 | 18-9 | 1265.6 | 875.0 | 15.1 | 14.2 | 190.9 | 9.8 | 1.9 | 9.8 | 295.5 | 330.8 | 11.7 | 94.1 | 2.4 | 351- |
| 5-3 | 21-3 | 1511.5 | 850.2 | 14.8 | 10.8 | 190.9 | 9.9 | 1.9 | 9.8 | 301.6 | 328.0 | 9.7 | 77.6 | 2.8 | 354- |
| 5-9 | 23-9 | 1764.5 | 825.0 | 14.4 | 6.5 | 203.2 | 9.0 | 3.5 | 8.3 | 303.8 | 326.4 | 7.4 | 59.2 | 3.3 | 357- |
| 6-5 | 26-5 | 2274.7 | 802.0 | 14.2 | -1.8 | 217.6 | 8.6 | 5.2 | 6.8 | 308.3 | 319.2 | 4.5 | 35.0 | 3.7 | 1- |
| 7-5 | 29-1 | 2292.3 | 775.0 | 13.3 | 2.3 | 232.2 | 7.0 | 5.6 | 4.3 | 309.1 | 325.9 | 5.9 | 47.5 | 4.0 | 5- |
| 8-1 | 31-4 | 2567.2 | 750.0 | 13.7 | 1.1 | 247.1 | 6.4 | 6.1 | 2.6 | 308.2 | 324.2 | 5.5 | 51.2 | 4.2 | 9- |
| 9-3 | 34-6 | 2949.7 | 725.0 | 9.1 | -0.1 | 253.6 | 6.4 | 6.1 | 1.8 | 308.4 | 323.5 | 5.3 | 55.1 | 4.3 | 13- |
| 10-2 | 37-2 | 3137.7 | 700.0 | 6.2 | -2.7 | 254.0 | 6.3 | 6.0 | 1.7 | 309.3 | 322.5 | 6.5 | 52.8 | 4.5 | 17- |
| 11-2 | 40-2 | 3439.6 | 675.0 | 3.6 | -4.7 | 262.3 | 5.5 | 5.5 | 0.7 | 309.7 | 321.5 | 4.0 | 50.2 | 4.7 | 21- |
| 12-2 | 42-9 | 3736.9 | 650.0 | 1.1 | -4.6 | 256.5 | 4.7 | 4.6 | 0.9 | 310.2 | 320.6 | 4.2 | 65.0 | 4.8 | 24- |
| 13-2 | 45-8 | 4064.1 | 625.0 | -1.4 | -9.0 | 285.6 | 3.3 | 3.2 | -0.9 | 310.9 | 320.2 | 3.1 | 55.0 | 5.0 | 26- |
| 14-2 | 48-7 | 4378.0 | 600.0 | -4.2 | -10.0 | 311.0 | 3.5 | 2.6 | -2.3 | 311.3 | 320.3 | 3.0 | 64.2 | 4.9 | 28- |
| 15-3 | 51-6 | 4712.6 | 575.0 | -6.3 | -9.7 | 297.7 | 4.6 | 4.1 | -2.1 | 312.7 | 322.3 | 3.2 | 78.5 | 4.9 | 31- |
| 16-4 | 54-7 | 5053.6 | 550.0 | -8.0 | -13.3 | 280.7 | 6.4 | 6.5 | -1.2 | 316.6 | 322.4 | 2.5 | 85.5 | 5.0 | 35- |
| 17-5 | 57-8 | 5419.4 | 525.0 | -11.1 | -12.6 | 273.4 | 8.6 | 8.6 | -0.5 | 315.0 | 323.5 | 2.8 | 83.7 | 5.3 | 43- |
| 18-9 | 61-0 | 5792.1 | 500.0 | -13.9 | -14.5 | 266.0 | 10.7 | 10.7 | 0.7 | 315.1 | 323.8 | 2.5 | 95.2 | 5.9 | 46- |
| 20-1 | 64-3 | 6141.9 | 475.0 | -14.4 | -21.4 | 243.3 | 11.6 | 11.5 | 1.4 | 320.1 | 324.7 | 1.4 | 53.2 | 6.5 | 51- |
| 21-9 | 67-6 | 6549.7 | 450.0 | -17.3 | -26.3 | 204.0 | 12.1 | 12.0 | 1.3 | 321.5 | 324.8 | 1.0 | 45.4 | 7.3 | 55- |
| 22-7 | 71-0 | 7015.1 | 425.0 | -20.5 | -36.5 | 258.2 | 15.7 | 15.4 | 3.2 | 325.7 | 325.7 | 0.4 | 22.3 | 9.8 | 54- |
| 24-2 | 74-4 | 7422.9 | 402.0 | -22.6 | -64.3 | 250.3 | 18.3 | 17.2 | 6.2 | 325.7 | 325.7 | 0.0 | 1.0 | 9.8 | 61- |
| 25-9 | 78-1 | 7913.1 | 375.0 | -25.7 | -66.4 | 244.6 | 20.6 | 18.8 | 8.9 | 327.6 | 327.6 | 0.0 | 1.0 | 11.5 | 62- |
| 27-4 | 81-9 | 8430.2 | 353.0 | -27.2 | -68.7 | 238.6 | 21.7 | 18.5 | 11.3 | 329.4 | 329.4 | 0.0 | 1.0 | 13.7 | 62- |
| 29-1 | 85-8 | 8754.7 | 325.0 | -33.6 | -71.6 | 239.9 | 24.0 | 20.7 | 12.0 | 330.3 | 330.4 | 0.0 | 1.0 | 14.0 | 61- |
| 30-7 | 89-4 | 9512.3 | 300.0 | -37.5 | -74.1 | 242.7 | 27.4 | 24.4 | 12.6 | 332.6 | 332.6 | 0.0 | 1.0 | 14.4 | 61- |
| 32-5 | 94-2 | 10106.5 | 275.0 | -42.1 | -99.9 | 245.2 | 30.5 | 27.7 | 12.6 | 335.2 | 335.2 | 99.9 | 99.9 | 21.5 | 61- |
| 34-3 | 99-7 | 10744.1 | 250.0 | -47.7 | 99.9 | 253.6 | 27.3 | 26.4 | 6.8 | 338.2 | 338.2 | 99.9 | 99.9 | 24.7 | 63- |
| 36-3 | 103-4 | 11430.6 | 225.0 | -53.7 | 99.9 | 249.8 | 26.8 | 25.1 | 9.2 | 338.3 | 338.3 | 99.9 | 99.9 | 27.7 | 64- |
| 38-1 | 108-5 | 12176.1 | 200.0 | -50.4 | 99.9 | 242.2 | 23.3 | 20.6 | 10.9 | 337.2 | 337.2 | 99.9 | 99.9 | 31.1 | 64- |
| 40-6 | 114-0 | 12998.8 | 175.0 | -64.2 | 99.9 | 247.0 | 23.0 | 20.5 | 10.4 | 340.0 | 340.0 | 99.9 | 99.9 | 34.0 | 64- |
| 43-6 | 120-0 | 13952.1 | 150.0 | -64.9 | 99.9 | 257.6 | 29.3 | 28.6 | 6.3 | 342.7 | 342.7 | 99.9 | 99.9 | 38.5 | 64- |
| 46-5 | 126-5 | 15046.3 | 125.0 | -64.4 | 99.9 | 271.4 | 27.5 | 27.5 | -0.7 | 378.4 | 378.4 | 99.9 | 99.9 | 43.4 | 67- |
| 50-3 | 133-4 | 15443.3 | 100.0 | -45.3 | 99.9 | 268.8 | 16.1 | 16.1 | 8.4 | 401.4 | 401.4 | 99.9 | 99.9 | 48.4 | 70- |
| 53-4 | 142-0 | 16155.6 | 75.0 | -71.7 | 99.9 | 279.3 | 12.9 | 12.8 | -2.1 | 422.7 | 422.7 | 99.9 | 99.9 | 51.5 | 72- |
| 55-1 | 151-0 | 20598.1 | 50.0 | -61.9 | 99.9 | 322.2 | 6.6 | 4.0 | -3.2 | 497.6 | 497.6 | 99.9 | 99.9 | 54.6 | 74- |
| 77-7 | 160-5 | 25030.4 | 25.0 | -50.5 | 99.9 | 64.9 | 5.0 | -4.5 | -2.1 | 639.6 | 639.6 | 99.9 | 99.9 | 53.1 | 78- |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 259
 VICTORIA, TEXAS

 20 APRIL 1979
 1153 GMT

| TIME MIN | CNCT | WEIGHT GPM | PRES MB | TEMP DG C | DEV PT DG C | OIR DG | SPEED M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO CM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 4.9 | 33.0 | 1009.0 | 22.2 | 22.0 | 200.0 | 1.5 | 0.5 | 294.6 | 337.8 | 16.8 | 99.0 | 0.0 | 0. |
| 0.4 | 5.7 | 111.4 | 1000.0 | 22.5 | 19.5 | 999.9 | 99.9 | 99.9 | 295.6 | 333.1 | 14.4 | 99.0 | 997.9 | 999. |
| 1.2 | 6.0 | 331.5 | 975.0 | 23.0 | 18.3 | 999.9 | 99.9 | 99.9 | 295.3 | 331.0 | 13.7 | 90.2 | 999.9 | 999. |
| 2.0 | 10.3 | 556.3 | 950.0 | 19.4 | 17.7 | 174.1 | 4.1 | -0.4 | 296.9 | 332.5 | 13.6 | 89.8 | 0.5 | 23. |
| 2.7 | 12.5 | 756.8 | 925.0 | 19.1 | 16.2 | 169.4 | 4.8 | -0.9 | 299.8 | 332.5 | 12.7 | 83.6 | 0.7 | 14. |
| 3.3 | 14.8 | 1022.3 | 900.0 | 17.9 | 14.8 | 174.8 | 4.6 | -0.4 | 299.9 | 331.7 | 11.9 | 82.5 | 0.9 | 9. |
| 4.4 | 17.2 | 1266.4 | 875.0 | 18.1 | 12.5 | 207.7 | 4.8 | 2.3 | 302.6 | 331.3 | 10.6 | 70.2 | 1.2 | 8. |
| 5.7 | 19.5 | 1512.9 | 850.0 | 17.3 | 8.7 | 231.0 | 5.4 | 4.2 | 304.3 | 327.5 | 8.4 | 57.1 | 1.5 | 18. |
| 7.0 | 22.0 | 1767.2 | 825.0 | 15.2 | 6.5 | 243.3 | 4.1 | 3.6 | 304.7 | 325.3 | 7.4 | 55.8 | 1.6 | 25. |
| 8.1 | 25.4 | 2027.3 | 800.0 | 13.0 | 5.1 | 283.5 | 2.9 | 2.8 | 305.0 | 324.5 | 6.9 | 58.7 | 1.9 | 30. |
| 9.2 | 28.9 | 2293.5 | 775.0 | 11.1 | 3.8 | 323.2 | 4.1 | 2.4 | 305.7 | 324.1 | 6.5 | 60.5 | 2.0 | 36. |
| 10.0 | 32.4 | 2566.5 | 750.0 | 9.0 | 2.7 | 353.3 | 5.0 | 0.6 | 306.4 | 324.1 | 6.2 | 64.7 | 1.8 | 42. |
| 11.0 | 35.0 | 2866.5 | 725.0 | 6.9 | 1.8 | 375.9 | 5.3 | 0.2 | 307.0 | 324.2 | 6.0 | 69.9 | 1.6 | 49. |
| 11.9 | 36.6 | 3134.7 | 700.0 | 4.7 | 1.7 | 341.8 | 5.6 | 1.7 | 307.7 | 325.5 | 6.2 | 80.6 | 1.5 | 58. |
| 13.2 | 37.2 | 3330.5 | 675.0 | 2.6 | 1.0 | 326.9 | 7.5 | 4.1 | 308.6 | 326.2 | 6.1 | 89.1 | 1.5 | 77. |
| 14.5 | 40.0 | 3735.2 | 650.0 | 0.4 | -0.5 | 324.8 | 9.6 | 5.5 | 309.4 | 325.8 | 5.7 | 93.9 | 1.9 | 97. |
| 15.7 | 45.6 | 4376.2 | 625.0 | -2.7 | -3.7 | 310.6 | 9.3 | 6.0 | 312.1 | 327.5 | 5.3 | 87.8 | 2.4 | 108. |
| 17.9 | 43.4 | 4713.1 | 575.0 | -4.5 | -5.6 | 319.9 | 8.7 | 5.1 | 313.0 | 327.3 | 4.9 | 93.0 | 3.0 | 115. |
| 19.0 | 51.4 | 5162.5 | 550.0 | -6.6 | -7.6 | 319.9 | 7.9 | 4.9 | 316.2 | 328.2 | 3.9 | 92.5 | 4.1 | 122. |
| 20.2 | 54.4 | 5425.0 | 525.0 | -8.8 | -9.8 | 319.9 | 7.6 | 4.9 | 317.9 | 328.6 | 3.5 | 92.3 | 4.6 | 124. |
| 21.5 | 57.5 | 5802.0 | 500.0 | -11.1 | -12.3 | 319.7 | 7.9 | 5.1 | 319.5 | 329.9 | 3.0 | 91.0 | 5.2 | 126. |
| 22.8 | 60.6 | 6194.9 | 475.0 | -13.1 | -14.3 | 303.6 | 6.0 | 5.0 | 321.8 | 330.3 | 2.7 | 90.1 | 5.8 | 127. |
| 24.0 | 63.9 | 6435.2 | 450.0 | -15.6 | -17.1 | 289.4 | 5.2 | 4.9 | 323.6 | 330.8 | 2.2 | 89.5 | 6.1 | 126. |
| 25.3 | 67.3 | 7074.7 | 425.0 | -18.4 | -20.0 | 270.6 | 5.4 | 5.4 | 325.4 | 331.5 | 1.8 | 87.0 | 6.5 | 125. |
| 26.4 | 70.7 | 7485.5 | 400.0 | -20.8 | -22.5 | 251.5 | 7.2 | 6.8 | 328.0 | 333.2 | 1.6 | 85.7 | 6.8 | 123. |
| 27.7 | 73.3 | 7959.8 | 375.0 | -24.5 | -26.6 | 246.6 | 10.8 | 9.9 | 329.2 | 333.1 | 1.1 | 82.5 | 7.2 | 118. |
| 29.9 | 78.7 | 8456.3 | 350.0 | -31.2 | -33.2 | 249.1 | 14.4 | 13.4 | 328.1 | 330.4 | 0.7 | 74.8 | 7.6 | 113. |
| 30.5 | 82.0 | 8777.9 | 325.0 | -35.5 | -37.1 | 241.1 | 15.9 | 14.0 | 327.7 | 328.7 | 0.3 | 45.4 | 8.8 | 106. |
| 32.3 | 86.0 | 9430.4 | 300.0 | -39.2 | -40.6 | 233.7 | 18.5 | 14.9 | 330.1 | 330.6 | 0.1 | 28.2 | 10.2 | 98. |
| 34.4 | 93.2 | 10121.0 | 275.0 | -44.0 | -45.9 | 223.6 | 18.9 | 13.1 | 331.6 | 330.9 | 99.9 | 99.9 | 11.9 | 90. |
| 36.3 | 98.8 | 10756.1 | 250.0 | -48.4 | -49.9 | 198.2 | 19.5 | 6.1 | 334.1 | 330.9 | 99.9 | 99.9 | 13.2 | 82. |
| 38.4 | 99.6 | 11440.3 | 225.0 | -54.4 | -55.9 | 175.4 | 19.8 | 10.7 | 335.1 | 330.9 | 99.9 | 99.9 | 14.0 | 72. |
| 40.6 | 108.6 | 12145.2 | 200.0 | -59.9 | -59.9 | 180.5 | 21.3 | 0.2 | 338.0 | 330.9 | 99.9 | 99.9 | 14.7 | 61. |
| 43.0 | 110.0 | 13109.1 | 175.0 | -64.1 | -64.1 | 230.1 | 26.7 | 20.4 | 344.2 | 330.9 | 99.9 | 99.9 | 17.2 | 54. |
| 46.4 | 116.3 | 13971.3 | 150.0 | -69.4 | -69.9 | 263.5 | 31.3 | 31.1 | 367.8 | 330.9 | 99.9 | 99.9 | 23.2 | 59. |
| 50.2 | 125.9 | 15106.1 | 125.0 | -61.7 | -61.7 | 272.6 | 26.7 | -1.2 | 383.3 | 330.9 | 99.9 | 99.9 | 29.2 | 66. |
| 54.4 | 130.0 | 16473.7 | 100.0 | -63.7 | -63.7 | 263.1 | 14.1 | 14.0 | 404.7 | 330.9 | 99.9 | 99.9 | 34.3 | 70. |
| 54.3 | 136.3 | 13204.2 | 75.0 | -70.3 | -69.9 | 293.0 | 14.0 | 12.9 | 425.6 | 330.9 | 99.9 | 99.9 | 36.9 | 73. |
| 46.6 | 147.7 | 20645.8 | 50.0 | -62.0 | -62.0 | 299.7 | 5.3 | 4.6 | 497.5 | 330.9 | 99.9 | 99.9 | 39.2 | 77. |
| 77.6 | 157.5 | 25113.1 | 25.0 | -51.2 | -51.2 | 185.4 | 3.4 | 0.3 | 637.7 | 330.9 | 99.9 | 99.9 | 37.9 | 78. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 260
STEPHENSVILLE, TEXAS19 APRIL 1979
1105 GMT

152 13. 0

| TIME M/Y | CNTCT | WEIGHT GPM | PRES MS | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T OG K | MX RTD CM/KG | RM PCT | RANGE KV | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.7 | 8.8 | 399.0 | 968.1 | 19.0 | 18.0 | 150.0 | 4.1 | -2.1 | 3.6 | 294.9 | 330.1 | 13.6 | 94.0 | 94.0 | 0.0 |
| 90.9 | 90.0 | 99.0 | 1000.0 | 99.9 | 99.9 | 90.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.0 | 99.0 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.5 | 10.3 | 559.7 | 950.0 | 15.3 | 14.2 | 165.4 | 9.1 | -2.3 | 8.8 | 292.7 | 320.9 | 10.9 | 93.5 | 93.5 | 0.2 |
| 1.3 | 12.5 | 797.4 | 925.0 | 16.3 | 15.4 | 176.2 | 12.0 | -0.8 | 11.9 | 296.0 | 327.5 | 12.0 | 93.9 | 93.9 | 0.7 |
| 2.1 | 14.7 | 1221.4 | 900.0 | 16.3 | 15.4 | 186.7 | 14.1 | 1.6 | 14.0 | 298.4 | 331.0 | 12.3 | 94.0 | 94.0 | 1.3 |
| 3.3 | 16.7 | 1261.5 | 875.0 | 15.4 | 14.4 | 193.7 | 14.9 | 3.5 | 14.5 | 299.9 | 331.4 | 11.9 | 93.7 | 93.7 | 2.0 |
| 3.8 | 19.2 | 1577.7 | 850.0 | 14.2 | 12.8 | 196.1 | 12.8 | 3.6 | 12.3 | 301.0 | 330.7 | 11.0 | 91.3 | 91.3 | 5.0 |
| 4.6 | 21.5 | 1760.9 | 825.0 | 14.6 | 8.6 | 192.7 | 9.1 | 2.0 | 8.9 | 304.0 | 327.6 | 8.6 | 67.5 | 67.5 | 3.2 |
| 5.5 | 23.8 | 2020.9 | 800.0 | 13.5 | 3.2 | 199.7 | 8.6 | 2.9 | 8.1 | 305.5 | 322.7 | 6.1 | 52.0 | 52.0 | 3.7 |
| 6.4 | 26.2 | 2297.5 | 775.0 | 12.0 | -1.3 | 203.8 | 8.9 | 3.6 | 8.2 | 306.7 | 319.8 | 4.5 | 39.7 | 39.7 | 4.1 |
| 7.4 | 29.5 | 2561.4 | 750.0 | 10.8 | -9.6 | 209.2 | 7.3 | 3.6 | 6.4 | 308.4 | 316.5 | 2.7 | 29.2 | 29.2 | 4.6 |
| 8.5 | 31.0 | 2843.1 | 725.0 | 9.5 | -26.4 | 210.3 | 5.7 | 2.9 | 4.9 | 309.9 | 311.9 | 0.6 | 5.9 | 5.9 | 13.0 |
| 9.4 | 33.4 | 3132.9 | 700.0 | 7.3 | -24.0 | 189.5 | 5.8 | 1.0 | 5.7 | 310.6 | 313.2 | 0.8 | 8.6 | 8.6 | 5.3 |
| 10.4 | 35.9 | 3430.6 | 675.0 | 5.0 | -16.6 | 170.9 | 6.0 | -0.9 | 5.9 | 311.3 | 317.0 | 1.4 | 22.8 | 22.8 | 5.6 |
| 11.5 | 38.5 | 3737.1 | 650.0 | 2.2 | -12.4 | 160.0 | 5.7 | -1.4 | 5.5 | 312.7 | 318.5 | 2.3 | 33.1 | 33.1 | 5.9 |
| 12.5 | 41.0 | 4052.3 | 625.0 | 0.2 | -28.4 | 179.1 | 4.7 | -0.1 | 4.7 | 312.7 | 314.7 | 0.6 | 9.4 | 9.4 | 6.3 |
| 13.5 | 43.7 | 4377.8 | 600.0 | -2.6 | -42.7 | 186.4 | 3.9 | 0.4 | 3.8 | 313.2 | 313.7 | 0.1 | 2.8 | 2.8 | 6.5 |
| 14.7 | 46.3 | 4713.1 | 575.0 | -5.7 | -27.4 | 174.9 | 4.0 | -0.4 | 4.0 | 313.3 | 315.7 | 0.7 | 16.7 | 16.7 | 6.8 |
| 15.7 | 49.1 | 5059.6 | 550.0 | -7.9 | -25.9 | 177.6 | 3.6 | -0.2 | 3.6 | 314.7 | 317.5 | 0.8 | 22.0 | 22.0 | 7.3 |
| 17.1 | 51.9 | 5419.7 | 525.0 | -10.2 | -26.5 | 220.0 | 3.2 | 2.1 | 2.4 | 316.2 | 319.0 | 0.8 | 25.0 | 25.0 | 7.3 |
| 18.3 | 54.8 | 5795.2 | 500.0 | -11.6 | -27.2 | 274.4 | 5.0 | 5.0 | -0.4 | 319.0 | 319.1 | 0.0 | 1.0 | 1.0 | 7.4 |
| 19.7 | 57.8 | 6195.5 | 475.0 | -15.2 | -44.3 | 276.7 | 7.6 | 7.5 | -0.9 | 319.2 | 319.8 | 0.2 | 6.4 | 6.4 | 7.4 |
| 21.1 | 60.9 | 6590.9 | 450.0 | -19.9 | -37.7 | 279.9 | 10.3 | 10.3 | -0.9 | 319.5 | 320.9 | 0.4 | 21.1 | 21.1 | 7.6 |
| 22.5 | 64.0 | 7014.4 | 425.0 | -21.0 | -63.3 | 279.4 | 11.4 | 11.2 | -1.9 | 322.0 | 322.1 | 0.0 | 1.0 | 1.0 | 7.8 |
| 24.1 | 67.1 | 7459.6 | 400.0 | -23.8 | -65.1 | 272.0 | 13.2 | 13.2 | -0.5 | 324.1 | 324.2 | 0.0 | 1.0 | 1.0 | 8.2 |
| 25.3 | 70.5 | 7928.7 | 375.0 | -26.9 | -36.9 | 258.4 | 17.5 | 17.1 | 3.5 | 326.0 | 327.9 | 0.5 | 46.3 | 46.3 | 8.3 |
| 27.5 | 74.0 | 8423.0 | 350.0 | -30.3 | -34.8 | 245.8 | 21.3 | 19.3 | 9.1 | 327.9 | 329.9 | 0.6 | 64.3 | 64.3 | 11.1 |
| 29.7 | 77.6 | 8966.1 | 325.0 | -34.5 | -41.8 | 240.9 | 21.1 | 18.4 | 10.3 | 329.2 | 330.3 | 0.3 | 45.9 | 45.9 | 13.0 |
| 32.3 | 81.3 | 9499.5 | 300.0 | -39.5 | -49.9 | 240.9 | 21.1 | 19.4 | 8.2 | 329.7 | 330.9 | 0.9 | 99.9 | 99.9 | 15.2 |
| 35.3 | 85.3 | 10089.0 | 275.0 | -44.5 | -49.9 | 253.7 | 24.2 | 23.2 | 6.8 | 330.8 | 330.9 | 0.9 | 99.9 | 99.9 | 17.7 |
| 38.3 | 89.5 | 10720.4 | 250.0 | -49.6 | -49.9 | 257.4 | 28.6 | 28.1 | 6.3 | 332.3 | 332.3 | 0.9 | 99.9 | 99.9 | 21.4 |
| 41.3 | 93.8 | 11400.8 | 225.0 | -55.5 | -49.9 | 258.9 | 27.3 | 26.3 | 7.1 | 333.5 | 333.5 | 0.9 | 99.9 | 99.9 | 25.1 |
| 44.3 | 98.4 | 12182.0 | 200.0 | -61.6 | -49.9 | 253.6 | 25.5 | 24.5 | 7.2 | 335.2 | 335.2 | 0.9 | 99.9 | 99.9 | 28.9 |
| 47.3 | 103.7 | 12963.9 | 175.0 | -62.9 | -49.9 | 256.5 | 29.6 | 28.8 | 6.9 | 346.2 | 346.2 | 0.9 | 99.9 | 99.9 | 33.6 |
| 48.3 | 109.2 | 13822.1 | 150.0 | -61.6 | -49.9 | 264.1 | 28.4 | 28.2 | 2.9 | 364.0 | 364.0 | 0.9 | 99.9 | 99.9 | 38.3 |
| 49.7 | 115.3 | 14606.2 | 125.0 | -63.6 | -49.9 | 270.5 | 24.2 | 24.2 | -0.2 | 379.9 | 379.9 | 0.9 | 99.9 | 99.9 | 44.8 |
| 50.7 | 122.3 | 15345.3 | 100.0 | -65.2 | -49.9 | 265.3 | 20.5 | 20.4 | 1.7 | 401.7 | 401.7 | 0.9 | 99.9 | 99.9 | 49.7 |
| 51.1 | 130.7 | 16136.8 | 75.0 | -68.6 | -49.9 | 265.0 | 14.7 | 14.7 | 1.3 | 429.1 | 429.1 | 0.9 | 99.9 | 99.9 | 54.4 |
| 54.6 | 140.4 | 20419.6 | 50.0 | -61.8 | -49.9 | 308.1 | 7.9 | 6.2 | -4.9 | 497.8 | 497.8 | 0.9 | 99.9 | 99.9 | 59.3 |
| 79.2 | 153.0 | 25095.1 | 25.0 | -47.8 | -49.9 | 99.9 | 99.9 | 99.9 | 99.9 | 447.2 | 447.2 | 0.9 | 99.9 | 99.9 | 61.2 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 260
STEPHENVILLE, TEXAS19 APRIL 1979
1405 GMT

151 15. 0

| TIME MIN | CNCR | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 9.2 | 399.0 | 969.8 | 18.5 | 17.2 | 150.0 | 5.1 | -2.6 | 4.4 | 294.3 | 327.7 | 12.9 | 92.0 | 0.0 | 0. |
| 00.0 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.0 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.0 | 99.9 | 99.9 | 950.0 | 17.4 | 16.1 | 163.4 | 11.0 | -3.2 | 10.5 | 294.8 | 326.8 | 12.2 | 92.2 | 0.3 | 335. |
| 00.0 | 99.9 | 99.9 | 925.0 | 16.4 | 15.1 | 164.2 | 11.3 | -2.7 | 11.0 | 296.1 | 327.1 | 11.8 | 92.1 | 0.9 | 341. |
| 00.0 | 99.9 | 99.9 | 900.0 | 14.9 | 13.6 | 170.3 | 10.9 | -1.8 | 10.8 | 296.9 | 326.0 | 11.0 | 91.8 | 1.5 | 344. |
| 00.0 | 99.9 | 99.9 | 875.0 | 14.8 | 13.5 | 170.3 | 10.9 | -1.8 | 10.8 | 296.9 | 326.0 | 11.0 | 91.8 | 1.5 | 344. |
| 00.0 | 99.9 | 99.9 | 850.0 | 14.8 | 13.5 | 170.3 | 10.9 | -1.8 | 10.8 | 296.9 | 326.0 | 11.0 | 91.8 | 1.5 | 344. |
| 00.0 | 99.9 | 99.9 | 825.0 | 14.8 | 13.5 | 170.3 | 10.9 | -1.8 | 10.8 | 296.9 | 326.0 | 11.0 | 91.8 | 1.5 | 344. |
| 00.0 | 99.9 | 99.9 | 800.0 | 14.8 | 13.5 | 170.3 | 10.9 | -1.8 | 10.8 | 296.9 | 326.0 | 11.0 | 91.8 | 1.5 | 344. |
| 00.0 | 99.9 | 99.9 | 775.0 | 14.8 | 13.5 | 170.3 | 10.9 | -1.8 | 10.8 | 296.9 | 326.0 | 11.0 | 91.8 | 1.5 | 344. |
| 00.0 | 99.9 | 99.9 | 750.0 | 14.8 | 13.5 | 170.3 | 10.9 | -1.8 | 10.8 | 296.9 | 326.0 | 11.0 | 91.8 | 1.5 | 344. |
| 00.0 | 99.9 | 99.9 | 725.0 | 14.8 | 13.5 | 170.3 | 10.9 | -1.8 | 10.8 | 296.9 | 326.0 | 11.0 | 91.8 | 1.5 | 344. |
| 00.0 | 99.9 | 99.9 | 700.0 | 14.8 | 13.5 | 170.3 | 10.9 | -1.8 | 10.8 | 296.9 | 326.0 | 11.0 | 91.8 | 1.5 | 344. |
| 00.0 | 99.9 | 99.9 | 675.0 | 14.8 | 13.5 | 170.3 | 10.9 | -1.8 | 10.8 | 296.9 | 326.0 | 11.0 | 91.8 | 1.5 | 344. |
| 00.0 | 99.9 | 99.9 | 650.0 | 14.8 | 13.5 | 170.3 | 10.9 | -1.8 | 10.8 | 296.9 | 326.0 | 11.0 | 91.8 | 1.5 | 344. |
| 00.0 | 99.9 | 99.9 | 625.0 | 14.8 | 13.5 | 170.3 | 10.9 | -1.8 | 10.8 | 296.9 | 326.0 | 11.0 | 91.8 | 1.5 | 344. |
| 00.0 | 99.9 | 99.9 | 600.0 | 14.8 | 13.5 | 170.3 | 10.9 | -1.8 | 10.8 | 296.9 | 326.0 | 11.0 | 91.8 | 1.5 | 344. |
| 00.0 | 99.9 | 99.9 | 575.0 | 14.8 | 13.5 | 170.3 | 10.9 | -1.8 | 10.8 | 296.9 | 326.0 | 11.0 | 91.8 | 1.5 | 344. |
| 00.0 | 99.9 | 99.9 | 550.0 | 14.8 | 13.5 | 170.3 | 10.9 | -1.8 | 10.8 | 296.9 | 326.0 | 11.0 | 91.8 | 1.5 | 344. |
| 00.0 | 99.9 | 99.9 | 525.0 | 14.8 | 13.5 | 170.3 | 10.9 | -1.8 | 10.8 | 296.9 | 326.0 | 11.0 | 91.8 | 1.5 | 344. |
| 00.0 | 99.9 | 99.9 | 500.0 | 14.8 | 13.5 | 170.3 | 10.9 | -1.8 | 10.8 | 296.9 | 326.0 | 11.0 | 91.8 | 1.5 | 344. |
| 00.0 | 99.9 | 99.9 | 475.0 | 14.8 | 13.5 | 170.3 | 10.9 | -1.8 | 10.8 | 296.9 | 326.0 | 11.0 | 91.8 | 1.5 | 344. |
| 00.0 | 99.9 | 99.9 | 450.0 | 14.8 | 13.5 | 170.3 | 10.9 | -1.8 | 10.8 | 296.9 | 326.0 | 11.0 | 91.8 | 1.5 | 344. |
| 00.0 | 99.9 | 99.9 | 425.0 | 14.8 | 13.5 | 170.3 | 10.9 | -1.8 | 10.8 | 296.9 | 326.0 | 11.0 | 91.8 | 1.5 | 344. |
| 00.0 | 99.9 | 99.9 | 400.0 | 14.8 | 13.5 | 170.3 | 10.9 | -1.8 | 10.8 | 296.9 | 326.0 | 11.0 | 91.8 | 1.5 | 344. |
| 00.0 | 99.9 | 99.9 | 375.0 | 14.8 | 13.5 | 170.3 | 10.9 | -1.8 | 10.8 | 296.9 | 326.0 | 11.0 | 91.8 | 1.5 | 344. |
| 00.0 | 99.9 | 99.9 | 350.0 | 14.8 | 13.5 | 170.3 | 10.9 | -1.8 | 10.8 | 296.9 | 326.0 | 11.0 | 91.8 | 1.5 | 344. |
| 00.0 | 99.9 | 99.9 | 325.0 | 14.8 | 13.5 | 170.3 | 10.9 | -1.8 | 10.8 | 296.9 | 326.0 | 11.0 | 91.8 | 1.5 | 344. |
| 00.0 | 99.9 | 99.9 | 300.0 | 14.8 | 13.5 | 170.3 | 10.9 | -1.8 | 10.8 | 296.9 | 326.0 | 11.0 | 91.8 | 1.5 | 344. |
| 00.0 | 99.9 | 99.9 | 275.0 | 14.8 | 13.5 | 170.3 | 10.9 | -1.8 | 10.8 | 296.9 | 326.0 | 11.0 | 91.8 | 1.5 | 344. |
| 00.0 | 99.9 | 99.9 | 250.0 | 14.8 | 13.5 | 170.3 | 10.9 | -1.8 | 10.8 | 296.9 | 326.0 | 11.0 | 91.8 | 1.5 | 344. |
| 00.0 | 99.9 | 99.9 | 225.0 | 14.8 | 13.5 | 170.3 | 10.9 | -1.8 | 10.8 | 296.9 | 326.0 | 11.0 | 91.8 | 1.5 | 344. |
| 00.0 | 99.9 | 99.9 | 200.0 | 14.8 | 13.5 | 170.3 | 10.9 | -1.8 | 10.8 | 296.9 | 326.0 | 11.0 | 91.8 | 1.5 | 344. |
| 00.0 | 99.9 | 99.9 | 175.0 | 14.8 | 13.5 | 170.3 | 10.9 | -1.8 | 10.8 | 296.9 | 326.0 | 11.0 | 91.8 | 1.5 | 344. |
| 00.0 | 99.9 | 99.9 | 150.0 | 14.8 | 13.5 | 170.3 | 10.9 | -1.8 | 10.8 | 296.9 | 326.0 | 11.0 | 91.8 | 1.5 | 344. |
| 00.0 | 99.9 | 99.9 | 125.0 | 14.8 | 13.5 | 170.3 | 10.9 | -1.8 | 10.8 | 296.9 | 326.0 | 11.0 | 91.8 | 1.5 | 344. |
| 00.0 | 99.9 | 99.9 | 100.0 | 14.8 | 13.5 | 170.3 | 10.9 | -1.8 | 10.8 | 296.9 | 326.0 | 11.0 | 91.8 | 1.5 | 344. |
| 00.0 | 99.9 | 99.9 | 75.0 | 14.8 | 13.5 | 170.3 | 10.9 | -1.8 | 10.8 | 296.9 | 326.0 | 11.0 | 91.8 | 1.5 | 344. |
| 00.0 | 99.9 | 99.9 | 50.0 | 14.8 | 13.5 | 170.3 | 10.9 | -1.8 | 10.8 | 296.9 | 326.0 | 11.0 | 91.8 | 1.5 | 344. |
| 00.0 | 99.9 | 99.9 | 25.0 | 14.8 | 13.5 | 170.3 | 10.9 | -1.8 | 10.8 | 296.9 | 326.0 | 11.0 | 91.8 | 1.5 | 344. |
| 00.0 | 99.9 | 99.9 | 0.0 | 14.8 | 13.5 | 170.3 | 10.9 | -1.8 | 10.8 | 296.9 | 326.0 | 11.0 | 91.8 | 1.5 | 344. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 260
STEPHENVILLE, TEXAS
19 APRIL 1979
1705 GMT

| TIME MIN | CNTCT | HEIGHT SPM | PRES MM | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT Y DG K | E POT Y DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.3 | 9.3 | 399.0 | 969.8 | 21.0 | 19.5 | 150.0 | 5.1 | -2.6 | 4.4 | 296.8 | 335.6 | 14.9 | 91.0 | 0.0 | 0. |
| 0.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.4 | 11.1 | 577.8 | 950.0 | 19.4 | 17.9 | 168.9 | 10.3 | -2.0 | 10.3 | 296.9 | 332.9 | 13.8 | 93.9 | 0.3 | 333. |
| 1.1 | 13.5 | 907.3 | 925.0 | 17.2 | 16.0 | 170.5 | 12.4 | -2.0 | 12.2 | 296.9 | 329.7 | 12.5 | 92.6 | 0.8 | 342. |
| 2.1 | 15.8 | 1041.6 | 900.0 | 16.5 | 14.3 | 176.4 | 15.6 | -1.0 | 15.6 | 298.6 | 329.1 | 11.5 | 86.6 | 1.7 | 349. |
| 3.3 | 13.2 | 1282.0 | 875.0 | 15.8 | 11.7 | 172.7 | 13.8 | -1.7 | 13.7 | 300.2 | 327.0 | 9.9 | 75.6 | 2.6 | 351. |
| 4.3 | 20.7 | 1528.0 | 850.0 | 14.8 | 8.7 | 195.1 | 12.3 | 3.2 | 11.9 | 301.7 | 324.6 | 8.4 | 65.9 | 3.3 | 352. |
| 5.2 | 23.2 | 1781.5 | 825.0 | 15.8 | 8.1 | 228.6 | 13.9 | 10.5 | 9.2 | 305.3 | 328.2 | 6.2 | 60.0 | 3.8 | 359. |
| 6.2 | 25.7 | 2042.3 | 800.0 | 13.7 | 6.2 | 236.0 | 14.3 | 11.8 | 8.0 | 305.8 | 326.8 | 7.5 | 60.7 | 4.4 | 8. |
| 7.1 | 29.2 | 2309.2 | 775.0 | 11.6 | 4.8 | 236.0 | 13.9 | 11.5 | 7.6 | 306.3 | 326.0 | 7.0 | 63.0 | 5.0 | 15. |
| 8.2 | 33.8 | 2593.0 | 750.0 | 10.2 | 3.6 | 228.6 | 10.5 | 7.3 | 7.4 | 307.7 | 326.5 | 6.6 | 63.5 | 5.6 | 21. |
| 9.3 | 33.4 | 2964.3 | 725.0 | 8.0 | 0.7 | 208.9 | 6.9 | 3.3 | 6.0 | 308.3 | 324.3 | 5.6 | 59.7 | 6.2 | 22. |
| 10.3 | 36.1 | 3153.0 | 700.0 | 5.7 | 0.2 | 193.5 | 5.8 | 1.4 | 5.6 | 308.8 | 326.2 | 5.8 | 73.0 | 6.9 | 21. |
| 11.6 | 39.4 | 3449.8 | 675.0 | 3.5 | 0.2 | 174.6 | 5.4 | -0.5 | 5.4 | 309.6 | 326.2 | 5.8 | 73.0 | 6.9 | 21. |
| 12.4 | 41.6 | 3755.3 | 650.0 | 1.1 | -3.4 | 164.8 | 6.6 | -1.7 | 6.3 | 310.2 | 323.6 | 4.6 | 71.9 | 7.3 | 19. |
| 14.1 | 44.4 | 4070.0 | 625.0 | -0.8 | -5.7 | 157.1 | 8.5 | -3.3 | 7.9 | 311.6 | 323.5 | 4.0 | 69.0 | 7.8 | 17. |
| 15.3 | 47.3 | 4334.9 | 600.0 | -3.4 | -7.5 | 153.5 | 10.8 | -4.8 | 9.7 | 312.2 | 323.1 | 3.6 | 73.0 | 8.3 | 13. |
| 16.0 | 50.2 | 4730.1 | 575.0 | -6.2 | -8.3 | 160.2 | 13.3 | -4.5 | 12.5 | 312.8 | 321.5 | 3.6 | 81.7 | 9.0 | 10. |
| 17.5 | 53.1 | 5076.9 | 550.0 | -9.3 | -12.7 | 167.4 | 14.1 | -3.1 | 13.8 | 314.2 | 322.4 | 2.6 | 70.8 | 9.9 | 7. |
| 19.0 | 56.3 | 5437.8 | 525.0 | -9.5 | -28.6 | 169.1 | 12.7 | -2.4 | 12.4 | 319.2 | 320.5 | 0.7 | 17.9 | 10.9 | 6. |
| 20.2 | 59.4 | 5814.3 | 500.0 | -11.3 | -30.9 | 170.0 | 10.3 | -1.8 | 10.2 | 319.3 | 321.3 | 0.6 | 18.0 | 11.8 | 4. |
| 21.6 | 62.6 | 6235.2 | 475.0 | -14.9 | -31.6 | 162.6 | 7.6 | -2.3 | 7.2 | 319.5 | 321.5 | 0.6 | 22.5 | 12.5 | 3. |
| 23.2 | 65.9 | 6611.9 | 450.0 | -17.8 | -33.0 | 166.3 | 4.2 | -1.0 | 4.1 | 320.8 | 322.6 | 0.5 | 25.0 | 12.9 | 2. |
| 24.5 | 69.3 | 7016.7 | 425.0 | -21.1 | -29.0 | 217.5 | 4.1 | 2.5 | 3.2 | 321.9 | 324.7 | 0.8 | 49.9 | 13.3 | 3. |
| 26.5 | 72.9 | 7432.7 | 400.0 | -23.2 | -26.6 | 241.0 | 6.8 | 5.9 | 3.3 | 324.8 | 328.5 | 1.1 | 73.9 | 13.6 | 4. |
| 28.2 | 76.4 | 7952.4 | 375.0 | -26.6 | -27.2 | 248.2 | 10.6 | 9.9 | 3.9 | 326.4 | 329.5 | 0.9 | 79.8 | 14.1 | 7. |
| 30.0 | 80.3 | 8467.1 | 350.0 | -30.2 | -35.2 | 251.6 | 13.9 | 13.2 | 4.4 | 328.0 | 330.0 | 0.5 | 61.5 | 14.7 | 12. |
| 31.9 | 84.2 | 8970.0 | 325.0 | -34.2 | -40.8 | 247.8 | 15.8 | 14.6 | 6.0 | 329.5 | 330.7 | 0.3 | 51.0 | 15.7 | 17. |
| 33.9 | 88.2 | 9525.3 | 300.0 | -38.6 | -46.1 | 245.8 | 16.1 | 14.7 | 6.6 | 330.9 | 331.7 | 0.2 | 46.7 | 17.0 | 22. |
| 36.0 | 92.6 | 10116.0 | 275.0 | -43.9 | 99.9 | 235.7 | 16.8 | 13.9 | 9.5 | 331.7 | 999.9 | 99.9 | 999.9 | 18.6 | 26. |
| 38.3 | 97.0 | 10748.0 | 250.0 | -49.4 | 99.9 | 231.0 | 19.5 | 15.2 | 12.3 | 332.6 | 999.9 | 99.9 | 999.9 | 20.9 | 23. |
| 40.2 | 102.0 | 11429.2 | 225.0 | -54.5 | 99.9 | 238.1 | 22.3 | 18.9 | 11.8 | 335.0 | 999.9 | 99.9 | 999.9 | 23.8 | 32. |
| 43.5 | 106.8 | 12176.0 | 200.0 | -59.2 | 99.9 | 244.5 | 22.4 | 20.2 | 9.7 | 339.0 | 999.9 | 99.9 | 999.9 | 27.1 | 36. |
| 46.7 | 112.5 | 13079.9 | 175.0 | -58.9 | 99.9 | 262.2 | 21.3 | 21.1 | 3.9 | 352.7 | 999.9 | 99.9 | 999.9 | 30.5 | 41. |
| 50.3 | 118.5 | 13976.3 | 150.0 | -59.8 | 99.9 | 253.1 | 22.5 | 21.8 | 5.8 | 367.1 | 999.9 | 99.9 | 999.9 | 34.1 | 46. |
| 54.2 | 125.3 | 15103.1 | 125.0 | -64.5 | 99.9 | 252.2 | 26.5 | 25.2 | 8.1 | 378.3 | 999.9 | 99.9 | 999.9 | 39.5 | 49. |
| 58.9 | 133.0 | 16467.1 | 100.0 | -64.1 | 99.9 | 267.3 | 24.3 | 24.3 | 1.1 | 403.8 | 999.9 | 99.9 | 999.9 | 45.8 | 56. |
| 64.5 | 141.7 | 18206.9 | 75.0 | -64.8 | 99.9 | 276.8 | 13.3 | 13.2 | -1.6 | 428.6 | 999.9 | 99.9 | 999.9 | 49.3 | 57. |
| 71.7 | 151.7 | 20599.3 | 50.0 | -59.6 | 99.9 | 291.7 | 5.9 | 5.5 | -2.2 | 503.2 | 999.9 | 99.9 | 999.9 | 52.0 | 60. |
| 83.9 | 183.0 | 25178.4 | 25.0 | -46.2 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 651.7 | 999.9 | 99.9 | 999.9 | 52.8 | 63. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 260
 STEPHENVILLE, TEXAS

 19 APRIL 1979
 2005 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRE. MB | TEMP DG C | DEW PT DG C | DI. D. | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO CM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 9.0 | 199.0 | 945.1 | 24.5 | 18.2 | 999.9 | 99.9 | 99.9 | 99.9 | 300.4 | 337.0 | 13.8 | 65.0 | 999.9 | 999.9 |
| 0.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 3.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.5 | 10.5 | 564.4 | 950.0 | 22.8 | 17.2 | 999.9 | 99.9 | 99.9 | 99.9 | 300.3 | 335.2 | 13.1 | 70.7 | 999.9 | 999.9 |
| 1.5 | 12.6 | 796.7 | 925.0 | 20.8 | 16.8 | 999.9 | 99.9 | 99.9 | 99.9 | 300.6 | 335.8 | 13.2 | 77.9 | 999.9 | 999.9 |
| 2.4 | 14.4 | 1733.6 | 900.0 | 18.7 | 16.3 | 999.9 | 99.9 | 99.9 | 99.9 | 300.8 | 335.7 | 13.1 | 85.7 | 999.9 | 999.9 |
| 3.3 | 17.0 | 1275.2 | 875.0 | 14.7 | 14.6 | 999.9 | 99.9 | 99.9 | 99.9 | 301.1 | 333.4 | 12.0 | 87.3 | 999.9 | 999.9 |
| 4.2 | 19.3 | 1522.3 | 850.0 | 14.8 | 13.1 | 999.9 | 99.9 | 99.9 | 99.9 | 301.6 | 333.9 | 11.2 | 89.4 | 999.9 | 999.9 |
| 5.2 | 21.5 | 1775.0 | 825.0 | 13.1 | 11.5 | 999.9 | 99.9 | 99.9 | 99.9 | 302.4 | 330.7 | 10.4 | 89.8 | 999.9 | 999.9 |
| 6.2 | 23.7 | 2334.1 | 800.0 | 12.4 | 9.2 | 999.9 | 99.9 | 99.9 | 99.9 | 304.3 | 329.6 | 9.2 | 80.9 | 999.9 | 999.9 |
| 7.1 | 26.0 | 2300.5 | 775.0 | 11.2 | 7.7 | 999.9 | 99.9 | 99.9 | 99.9 | 305.8 | 329.7 | 8.6 | 79.4 | 999.9 | 999.9 |
| 8.2 | 28.4 | 2574.0 | 750.0 | 9.0 | 5.5 | 999.9 | 99.9 | 99.9 | 99.9 | 306.4 | 327.7 | 7.6 | 79.4 | 999.9 | 999.9 |
| 9.3 | 30.7 | 2354.6 | 725.0 | 7.3 | 3.1 | 999.9 | 99.9 | 99.9 | 99.9 | 307.5 | 326.3 | 6.6 | 74.3 | 999.9 | 999.9 |
| 10.4 | 33.2 | 3143.1 | 700.0 | 5.8 | 0.8 | 999.9 | 99.9 | 99.9 | 99.9 | 308.9 | 325.6 | 5.8 | 70.3 | 999.9 | 999.9 |
| 11.5 | 35.7 | 3443.1 | 675.0 | 3.5 | -1.0 | 999.9 | 99.9 | 99.9 | 99.9 | 309.5 | 324.9 | 5.3 | 72.8 | 999.9 | 999.9 |
| 12.6 | 38.2 | 3445.6 | 650.0 | 1.2 | -3.2 | 999.9 | 99.9 | 99.9 | 99.9 | 310.3 | 324.0 | 4.7 | 72.2 | 999.9 | 999.9 |
| 13.6 | 40.8 | 4050.1 | 625.0 | -1.1 | -4.8 | 999.9 | 99.9 | 99.9 | 99.9 | 311.3 | 323.9 | 4.3 | 75.5 | 999.9 | 999.9 |
| 14.4 | 43.4 | 4344.9 | 600.0 | -3.4 | -5.6 | 999.9 | 99.9 | 99.9 | 99.9 | 312.2 | 324.7 | 4.2 | 84.4 | 999.9 | 999.9 |
| 15.9 | 46.0 | 4720.8 | 575.0 | -4.7 | -10.9 | 999.9 | 99.9 | 99.9 | 99.9 | 314.5 | 323.4 | 2.9 | 61.7 | 999.9 | 999.9 |
| 17.1 | 48.9 | 5773.1 | 550.0 | -5.5 | -17.6 | 999.9 | 99.9 | 99.9 | 99.9 | 317.5 | 323.1 | 1.7 | 37.9 | 999.9 | 999.9 |
| 18.4 | 51.7 | 5333.2 | 525.0 | -8.5 | -22.6 | 999.9 | 99.9 | 99.9 | 99.9 | 319.3 | 322.2 | 1.2 | 30.8 | 999.9 | 999.9 |
| 19.7 | 54.6 | 5132.6 | 500.0 | -11.5 | -18.9 | 999.9 | 99.9 | 99.9 | 99.9 | 319.0 | 324.6 | 1.7 | 54.4 | 999.9 | 999.9 |
| 21.1 | 57.5 | 6791.0 | 475.0 | -14.3 | -19.1 | 999.9 | 99.9 | 99.9 | 99.9 | 320.3 | 324.7 | 2.4 | 93.1 | 999.9 | 999.9 |
| 22.4 | 60.6 | 6779.3 | 450.0 | -16.4 | -19.9 | 999.9 | 99.9 | 99.9 | 99.9 | 322.1 | 327.8 | 1.7 | 76.7 | 999.9 | 999.9 |
| 24.1 | 63.4 | 7037.1 | 425.0 | -17.3 | -24.7 | 999.9 | 99.9 | 99.9 | 99.9 | 324.3 | 328.3 | 1.2 | 62.2 | 999.9 | 999.9 |
| 25.4 | 66.9 | 7385.8 | 400.0 | -22.0 | -27.9 | 999.9 | 99.9 | 99.9 | 99.9 | 326.4 | 329.7 | 1.0 | 55.7 | 999.9 | 999.9 |
| 27.4 | 70.3 | 7057.3 | 375.0 | -25.9 | -31.7 | 999.9 | 99.9 | 99.9 | 99.9 | 327.3 | 329.8 | 0.7 | 57.9 | 999.9 | 999.9 |
| 29.1 | 73.7 | 5452.8 | 350.0 | -33.2 | -36.2 | 999.9 | 99.9 | 99.9 | 99.9 | 328.0 | 330.1 | 0.6 | 67.5 | 999.9 | 999.9 |
| 30.9 | 77.3 | 9375.4 | 325.0 | -34.8 | -38.8 | 999.9 | 99.9 | 99.9 | 99.9 | 328.8 | 330.3 | 0.4 | 65.4 | 999.9 | 999.9 |
| 32.8 | 81.1 | 9528.8 | 300.0 | -39.4 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 329.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 34.7 | 85.0 | 10118.8 | 275.0 | -44.0 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 331.5 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 36.9 | 90.9 | 99.9 | 250.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 38.9 | 99.9 | 99.9 | 225.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 40.9 | 99.9 | 99.9 | 200.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 42.9 | 99.9 | 99.9 | 175.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 44.9 | 99.9 | 99.9 | 150.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 46.9 | 99.9 | 99.9 | 125.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 48.9 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 50.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 52.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 54.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |

9 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 9 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 99 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE 13
 OF POOR QUALITY

STATION NO. 260
STEPHENVILLE, TEXAS

19 APRIL 1979
2305 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | 3M PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 10.6 | 399.0 | 965.8 | 25.0 | 18.4 | 200.0 | 4.1 | 1.4 | 3.9 | 301.1 | 338.5 | 14.0 | 67.0 | 0.0 | 0. |
| 2.9 | 99.9 | 99.9 | 1033.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 5.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 2.4 | 11.9 | 544.1 | 950.0 | 24.0 | 17.7 | 171.3 | 5.2 | -0.8 | 5.1 | 301.5 | 337.7 | 13.5 | 67.8 | 0.2 | 345. |
| 1.1 | 14.1 | 777.3 | 925.0 | 21.9 | 16.1 | 175.4 | 6.0 | -0.5 | 6.0 | 301.7 | 335.5 | 12.6 | 69.6 | 0.4 | 343. |
| 2.0 | 16.2 | 1714.9 | 900.0 | 19.6 | 15.6 | 185.1 | 5.9 | 0.5 | 5.9 | 301.7 | 335.3 | 12.5 | 77.6 | 0.7 | 353. |
| 3.2 | 18.4 | 1257.4 | 875.0 | 17.6 | 13.4 | 198.6 | 5.3 | 1.7 | 5.2 | 302.1 | 332.3 | 11.2 | 76.3 | 1.1 | 359. |
| 3.9 | 20.6 | 1535.2 | 850.0 | 16.8 | 8.7 | 229.6 | 4.3 | 3.2 | 2.8 | 303.8 | 326.9 | 8.4 | 58.9 | 1.3 | 4. |
| 4.8 | 22.9 | 1759.4 | 825.0 | 15.5 | 6.7 | 250.8 | 4.2 | 3.9 | 1.4 | 305.0 | 325.9 | 7.5 | 55.0 | 1.4 | 12. |
| 5.7 | 25.2 | 2119.9 | 800.0 | 13.8 | 5.1 | 264.8 | 4.9 | 4.9 | 0.4 | 305.8 | 325.3 | 6.9 | 55.7 | 1.5 | 21. |
| 6.5 | 27.4 | 2446.8 | 775.0 | 11.5 | 3.6 | 264.3 | 5.0 | 5.0 | 0.5 | 306.2 | 324.4 | 6.4 | 58.4 | 1.7 | 28. |
| 7.5 | 29.9 | 2567.1 | 750.0 | 9.3 | 2.7 | 272.3 | 4.9 | 4.8 | -0.2 | 306.7 | 324.4 | 6.2 | 63.1 | 1.8 | 37. |
| 8.5 | 32.3 | 2940.5 | 725.0 | 7.0 | 2.4 | 277.1 | 3.6 | 3.6 | -0.4 | 307.2 | 325.1 | 6.3 | 72.3 | 2.0 | 43. |
| 9.5 | 34.4 | 3124.3 | 700.0 | 4.5 | 2.2 | 250.0 | 2.8 | 2.7 | 1.0 | 307.5 | 325.7 | 6.4 | 85.0 | 2.1 | 47. |
| 10.5 | 37.2 | 3424.3 | 675.0 | 2.9 | 1.7 | 202.3 | 4.1 | 1.5 | 3.8 | 308.9 | 327.3 | 6.4 | 91.7 | 2.3 | 47. |
| 11.6 | 39.4 | 3729.5 | 650.0 | 0.7 | -0.9 | 186.0 | 6.1 | 0.6 | 6.1 | 309.8 | 325.9 | 5.6 | 89.3 | 2.5 | 42. |
| 12.8 | 42.3 | 4344.0 | 625.0 | -1.3 | -2.9 | 185.6 | 8.6 | 1.4 | 8.5 | 310.9 | 325.5 | 5.0 | 89.1 | 3.0 | 36. |
| 13.9 | 45.0 | 4759.8 | 600.0 | -1.1 | -4.3 | 197.1 | 11.7 | 3.4 | 11.2 | 312.6 | 326.3 | 4.6 | 91.1 | 3.6 | 32. |
| 15.1 | 47.7 | 4705.6 | 575.0 | -5.1 | -6.2 | 205.1 | 13.1 | 5.6 | 11.9 | 314.1 | 326.7 | 4.2 | 91.9 | 4.5 | 29. |
| 16.6 | 50.4 | 5054.6 | 550.0 | -6.0 | -8.5 | 219.2 | 11.8 | 7.4 | 9.1 | 317.0 | 328.2 | 3.7 | 82.6 | 5.7 | 30. |
| 17.4 | 53.2 | 5418.1 | 525.0 | -8.0 | -11.1 | 224.7 | 10.2 | 7.2 | 7.3 | 318.8 | 324.5 | 3.1 | 79.1 | 6.4 | 32. |
| 19.0 | 56.1 | 5736.4 | 500.0 | -9.5 | -16.7 | 228.3 | 11.1 | 8.3 | 7.4 | 321.5 | 329.1 | 2.1 | 55.8 | 7.2 | 33. |
| 20.3 | 59.1 | 6190.6 | 475.0 | -12.5 | -18.7 | 227.0 | 12.1 | 8.9 | 8.3 | 322.5 | 328.5 | 1.8 | 59.4 | 8.1 | 35. |
| 21.6 | 62.1 | 6631.4 | 450.0 | -15.6 | -20.9 | 228.6 | 12.0 | 9.0 | 7.9 | 323.7 | 329.0 | 1.6 | 63.6 | 9.0 | 36. |
| 23.0 | 65.3 | 7030.3 | 425.0 | -19.0 | -23.2 | 227.2 | 11.7 | 8.6 | 8.0 | 324.6 | 329.2 | 1.4 | 69.5 | 9.9 | 37. |
| 24.5 | 68.5 | 7478.9 | 400.0 | -22.4 | -28.6 | 217.5 | 13.3 | 9.1 | 10.5 | 325.9 | 328.9 | 0.9 | 56.7 | 11.1 | 39. |
| 26.2 | 71.9 | 7943.2 | 375.0 | -26.5 | -31.5 | 211.9 | 13.7 | 7.3 | 11.6 | 326.5 | 329.0 | 0.7 | 62.6 | 12.4 | 38. |
| 29.0 | 75.3 | 8445.1 | 350.0 | -29.9 | -36.5 | 208.8 | 13.9 | 6.7 | 12.2 | 329.9 | 331.6 | 0.5 | 47.7 | 13.9 | 37. |
| 30.9 | 78.9 | 8973.6 | 325.0 | -33.4 | -44.4 | 201.0 | 15.1 | 5.4 | 14.1 | 330.7 | 331.5 | 0.2 | 31.7 | 15.5 | 36. |
| 31.7 | 82.7 | 9527.1 | 300.0 | -38.3 | -51.5 | 197.9 | 14.9 | 4.6 | 14.2 | 331.4 | 331.8 | 0.1 | 23.0 | 17.1 | 34. |
| 33.8 | 86.5 | 10120.7 | 275.0 | -42.2 | 99.9 | 204.4 | 14.4 | 6.4 | 12.9 | 334.1 | 999.9 | 99.9 | 999.9 | 18.9 | 33. |
| 35.9 | 90.7 | 10758.1 | 250.0 | -47.4 | 99.9 | 222.9 | 13.9 | 9.5 | 10.2 | 335.7 | 999.9 | 99.9 | 999.9 | 20.6 | 33. |
| 39.3 | 95.7 | 11445.8 | 225.0 | -53.4 | 99.9 | 214.6 | 14.9 | 8.4 | 12.3 | 336.7 | 999.9 | 99.9 | 999.9 | 22.6 | 34. |
| 40.6 | 99.8 | 12172.7 | 200.0 | -59.5 | 99.9 | 208.8 | 16.9 | 7.6 | 15.1 | 338.5 | 999.9 | 99.9 | 999.9 | 24.9 | 33. |
| 43.3 | 105.0 | 13019.6 | 175.0 | -62.7 | 99.9 | 231.5 | 19.5 | 15.2 | 12.1 | 346.4 | 999.9 | 99.9 | 999.9 | 27.7 | 34. |
| 46.5 | 110.8 | 13973.9 | 150.0 | -61.9 | 99.9 | 243.0 | 20.8 | 18.6 | 9.5 | 363.5 | 999.9 | 99.9 | 999.9 | 31.2 | 37. |
| 47.9 | 116.4 | 15025.6 | 125.0 | -63.5 | 99.9 | 254.4 | 26.6 | 25.9 | 6.3 | 380.0 | 999.9 | 99.9 | 999.9 | 35.7 | 41. |
| 54.1 | 124.0 | 16453.7 | 100.0 | -56.4 | 99.9 | 267.2 | 24.8 | 24.8 | 1.2 | 399.5 | 999.9 | 99.9 | 999.9 | 40.9 | 47. |
| 59.4 | 132.3 | 18195.2 | 75.0 | -67.2 | 99.9 | 281.6 | 12.3 | 12.0 | -2.5 | 432.1 | 999.9 | 99.9 | 999.9 | 45.3 | 53. |
| 66.5 | 142.3 | 20634.2 | 50.0 | -59.5 | 99.9 | 306.8 | 7.0 | 5.6 | -4.2 | 503.5 | 999.9 | 99.9 | 999.9 | 46.8 | 56. |
| 79.3 | 154.0 | 25141.7 | 25.0 | -45.5 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 653.9 | 999.9 | 99.9 | 999.9 | 47.5 | 59. |

* 97 SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * 87 TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 260
STEPHENVILLE, TEXAS20 APRIL 1979
205 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX STD GM/KG | 3H PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 9.5 | 399.0 | 966.3 | 21.0 | 19.3 | 170.0 | 4.1 | -0.7 | 4.0 | 297.1 | 335.7 | 14.8 | 90.0 | 0.0 | 0. |
| 99.9 | 99.9 | 1000.0 | 999.9 | 39.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 975.0 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.5 | 11.0 | 546.5 | 950.0 | 20.2 | 18.7 | 156.1 | 9.8 | -4.0 | 9.0 | 297.7 | 335.5 | 14.6 | 90.9 | 0.3 | 327. |
| 1.3 | 13.4 | 777.4 | 925.0 | 19.7 | 18.4 | 159.0 | 13.3 | -4.7 | 12.4 | 294.4 | 333.4 | 12.8 | 81.3 | 0.9 | 330. |
| 2.2 | 15.7 | 1313.9 | 900.0 | 19.6 | 16.3 | 162.2 | 11.0 | -3.4 | 10.5 | 300.7 | 335.7 | 13.1 | 85.6 | 1.5 | 337. |
| 3.0 | 18.1 | 1253.9 | 875.0 | 17.1 | 15.9 | 170.5 | 8.1 | -1.3 | 8.0 | 301.6 | 336.7 | 13.1 | 92.3 | 2.0 | 339. |
| 3.9 | 20.5 | 1503.3 | 850.0 | 15.2 | 14.3 | 181.5 | 7.3 | 0.2 | 7.3 | 302.1 | 334.9 | 12.2 | 94.7 | 2.4 | 341. |
| 4.7 | 22.9 | 1758.4 | 825.0 | 13.5 | 10.5 | 193.6 | 5.8 | 1.4 | 5.6 | 302.8 | 329.4 | 9.7 | 82.3 | 2.6 | 345. |
| 5.5 | 25.4 | 2015.9 | 800.0 | 12.6 | 4.0 | 218.6 | 3.7 | 2.3 | 2.9 | 304.8 | 322.9 | 6.4 | 55.1 | 2.8 | 347. |
| 6.4 | 27.9 | 2291.8 | 775.0 | 11.0 | 2.5 | 256.1 | 3.0 | 2.9 | 0.7 | 305.6 | 322.8 | 6.1 | 56.9 | 2.9 | 350. |
| 7.2 | 30.5 | 2554.6 | 750.0 | 8.8 | 1.5 | 256.6 | 3.8 | 3.7 | 0.9 | 306.1 | 322.4 | 5.7 | 60.0 | 2.9 | 354. |
| 8.2 | 33.1 | 2434.4 | 725.0 | 6.7 | 1.0 | 250.4 | 4.5 | 4.2 | 1.5 | 306.8 | 323.1 | 5.7 | 67.2 | 2.9 | 359. |
| 9.1 | 35.8 | 3121.8 | 700.0 | 4.1 | 2.0 | 229.2 | 4.9 | 3.7 | 3.2 | 307.1 | 325.1 | 6.3 | 86.0 | 3.0 | 3. |
| 10.2 | 38.4 | 3417.1 | 675.0 | 2.0 | 1.1 | 218.0 | 5.4 | 3.3 | 4.2 | 307.8 | 325.4 | 6.2 | 93.8 | 3.3 | 6. |
| 11.3 | 41.2 | 3721.2 | 650.0 | 0.1 | -0.7 | 210.1 | 5.7 | 2.9 | 4.9 | 309.1 | 325.3 | 5.6 | 94.2 | 3.6 | 9. |
| 12.3 | 44.0 | 4033.2 | 625.0 | -1.4 | -2.2 | 213.0 | 6.6 | 3.6 | 5.5 | 310.9 | 326.1 | 5.2 | 94.4 | 4.0 | 11. |
| 13.3 | 46.5 | 4360.4 | 600.0 | -2.5 | -3.6 | 233.8 | 7.4 | 6.0 | 4.4 | 312.9 | 327.3 | 4.9 | 94.4 | 4.4 | 13. |
| 14.1 | 49.4 | 4697.0 | 575.0 | -5.1 | -5.9 | 258.3 | 9.3 | 9.1 | 1.9 | 315.0 | 326.9 | 4.3 | 94.5 | 4.7 | 18. |
| 15.4 | 52.7 | 5045.5 | 550.0 | -7.6 | -8.3 | 275.0 | 10.8 | 10.8 | -0.9 | 315.1 | 326.4 | 3.7 | 94.1 | 4.9 | 25. |
| 16.5 | 55.4 | 5400.6 | 525.0 | -9.6 | -12.8 | 283.1 | 10.9 | 10.6 | -2.5 | 317.0 | 325.4 | 2.7 | 77.3 | 5.2 | 33. |
| 17.7 | 53.9 | 5742.2 | 500.0 | -11.6 | -19.3 | 282.1 | 9.4 | 9.2 | -2.0 | 318.9 | 324.2 | 1.7 | 52.9 | 5.5 | 41. |
| 19.7 | 62.1 | 6173.5 | 475.0 | -14.2 | -25.1 | 272.6 | 7.6 | 7.6 | -0.3 | 320.4 | 323.9 | 1.0 | 39.8 | 5.9 | 47. |
| 20.1 | 65.4 | 6591.9 | 450.0 | -16.9 | -24.6 | 250.3 | 6.7 | 6.3 | 2.3 | 322.1 | 325.9 | 1.1 | 50.8 | 6.2 | 49. |
| 21.6 | 69.9 | 7008.3 | 425.0 | -23.2 | -27.8 | 239.9 | 8.0 | 6.9 | 4.0 | 323.0 | 326.1 | 0.9 | 50.8 | 6.8 | 50. |
| 23.1 | 72.3 | 7455.2 | 400.0 | -23.1 | -34.5 | 232.0 | 8.7 | 6.8 | 5.3 | 325.0 | 326.9 | 0.5 | 34.4 | 7.5 | 51. |
| 24.4 | 76.0 | 7925.0 | 375.0 | -26.2 | -36.2 | 230.0 | 10.9 | 8.4 | 7.0 | 326.9 | 328.5 | 0.5 | 39.1 | 8.5 | 51. |
| 26.4 | 79.8 | 8419.8 | 350.0 | -30.7 | -41.7 | 227.5 | 11.0 | 8.1 | 7.4 | 327.4 | 328.4 | 0.3 | 32.5 | 9.7 | 51. |
| 28.3 | 83.7 | 8941.6 | 325.0 | -35.0 | -46.2 | 224.2 | 10.1 | 7.0 | 7.2 | 328.4 | 328.5 | 0.0 | 5.1 | 10.6 | 52. |
| 30.1 | 87.8 | 9497.1 | 300.0 | -37.7 | -47.3 | 226.5 | 10.9 | 7.9 | 7.5 | 332.2 | 332.2 | 0.0 | 1.0 | 11.9 | 49. |
| 32.1 | 92.2 | 10090.8 | 275.0 | -42.6 | -49.9 | 227.8 | 11.9 | 8.8 | 9.0 | 333.5 | 333.5 | 99.9 | 999.9 | 13.3 | 49. |
| 34.1 | 96.8 | 10726.2 | 250.0 | -48.3 | -49.9 | 217.1 | 12.4 | 7.5 | 9.9 | 334.3 | 333.5 | 99.9 | 999.9 | 14.7 | 49. |
| 36.3 | 101.6 | 11411.3 | 225.0 | -54.1 | -49.9 | 213.2 | 14.1 | 7.7 | 11.8 | 335.6 | 333.5 | 99.9 | 999.9 | 14.5 | 47. |
| 38.3 | 106.4 | 12154.6 | 200.0 | -60.3 | -49.9 | 224.5 | 14.0 | 9.8 | 9.9 | 337.4 | 332.2 | 99.9 | 999.9 | 10.5 | 46. |
| 41.1 | 112.3 | 12741.5 | 175.0 | -62.5 | -49.9 | 239.9 | 17.9 | 15.5 | 9.0 | 346.8 | 333.5 | 99.9 | 999.9 | 21.0 | 47. |
| 44.4 | 118.3 | 13230.8 | 150.0 | -63.2 | -49.9 | 239.7 | 22.3 | 19.2 | 11.2 | 361.3 | 333.5 | 99.9 | 999.9 | 24.4 | 49. |
| 48.2 | 125.0 | 15352.3 | 125.0 | -64.7 | -49.9 | 257.0 | 23.6 | 24.9 | 5.8 | 377.8 | 333.5 | 99.9 | 999.9 | 29.7 | 52. |
| 52.5 | 132.0 | 16410.3 | 100.0 | -66.3 | -49.9 | 270.4 | 21.4 | 21.4 | -0.1 | 399.6 | 333.5 | 99.9 | 999.9 | 35.6 | 59. |
| 59.4 | 140.0 | 19144.3 | 75.0 | -64.7 | -49.9 | 295.4 | 10.0 | 9.1 | -4.3 | 437.2 | 333.5 | 99.9 | 999.9 | 40.8 | 63. |
| 66.5 | 148.3 | 22623.2 | 50.0 | -60.9 | -49.9 | 311.9 | 6.1 | 4.5 | -4.0 | 500.2 | 333.5 | 99.9 | 999.9 | 41.1 | 65. |
| 78.4 | 156.7 | 25360.5 | 25.0 | -49.6 | -49.9 | 999.9 | 99.9 | 99.9 | 99.9 | 642.4 | 333.5 | 99.9 | 999.9 | 42.7 | 69. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 260
STEPHENVILLE, TEXAS

20 APRIL 1979
530 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | QIR DEG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTD GM/KG | RM PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|-----------|
| 0.0 | 9.8 | 399.0 | 967.9 | 20.0 | 19.2 | 130.0 | 5.1 | -3.9 | 3.3 | 295.9 | 334.0 | 14.6 | 95.0 | 0.0 | 0. |
| 00.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 01.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 05.0 | 11.4 | 557.6 | 950.0 | 17.2 | 16.4 | 149.1 | 8.8 | -4.5 | 7.5 | 294.7 | 327.3 | 12.5 | 95.2 | 0.3 | 320. |
| 1.4 | 13.6 | 797.4 | 925.0 | 15.5 | 14.9 | 150.5 | 10.2 | -5.0 | 8.9 | 295.2 | 325.6 | 11.6 | 95.2 | 0.7 | 325. |
| 2.1 | 15.9 | 1020.2 | 900.0 | 14.9 | 13.1 | 152.4 | 10.2 | -4.7 | 9.1 | 296.0 | 325.1 | 10.6 | 89.0 | 1.2 | 328. |
| 2.9 | 19.0 | 1259.0 | 875.0 | 14.6 | 10.1 | 152.2 | 8.9 | -4.2 | 7.9 | 298.9 | 323.0 | 8.9 | 74.3 | 1.6 | 329. |
| 3.6 | 23.3 | 1594.5 | 850.0 | 14.1 | 8.7 | 151.0 | 6.9 | -3.3 | 6.0 | 301.0 | 323.7 | 8.3 | 69.6 | 2.0 | 330. |
| 4.4 | 22.6 | 1756.5 | 825.0 | 12.6 | 8.3 | 151.5 | 4.7 | -1.8 | 4.4 | 302.0 | 325.0 | 8.4 | 74.9 | 2.3 | 330. |
| 5.4 | 28.9 | 2214.5 | 800.0 | 11.0 | 5.7 | 191.7 | 3.9 | 0.8 | 3.9 | 302.9 | 322.9 | 7.2 | 69.7 | 2.5 | 332. |
| 5.2 | 27.3 | 2279.1 | 775.0 | 9.2 | 3.5 | 202.9 | 4.7 | 1.7 | 4.4 | 303.7 | 321.7 | 6.4 | 67.4 | 2.6 | 336. |
| 7.1 | 27.7 | 2550.3 | 750.0 | 7.1 | 2.5 | 199.7 | 4.3 | 1.5 | 4.1 | 304.3 | 321.5 | 6.1 | 72.7 | 2.8 | 339. |
| 7.9 | 32.1 | 2928.5 | 725.0 | 5.2 | 2.4 | 202.7 | 3.9 | 1.8 | 3.4 | 305.1 | 322.9 | 6.3 | 82.2 | 2.9 | 342. |
| 8.9 | 34.6 | 3114.9 | 700.0 | 3.6 | 0.3 | 230.8 | 4.7 | 3.6 | 3.0 | 306.5 | 322.5 | 5.6 | 78.9 | 3.1 | 345. |
| 9.9 | 37.1 | 3409.4 | 675.0 | 1.3 | -0.5 | 250.4 | 6.2 | 6.1 | 1.5 | 307.1 | 322.9 | 5.5 | 87.9 | 3.1 | 351. |
| 10.8 | 39.6 | 3712.5 | 650.0 | -1.2 | -2.1 | 279.6 | 7.7 | 7.5 | -1.3 | 307.6 | 322.2 | 5.0 | 93.4 | 3.1 | 358. |
| 11.4 | 42.1 | 4024.4 | 625.0 | -3.3 | -4.2 | 295.8 | 9.4 | 8.5 | -4.1 | 308.7 | 321.8 | 4.5 | 93.2 | 3.0 | 4. |
| 12.4 | 44.9 | 4346.8 | 600.0 | -5.0 | -6.6 | 308.9 | 11.0 | 8.8 | -6.6 | 310.4 | 321.9 | 3.9 | 88.4 | 2.7 | 19. |
| 13.9 | 47.6 | 4681.7 | 575.0 | -7.9 | -9.9 | 317.7 | 11.1 | 7.5 | -8.2 | 313.1 | 324.1 | 3.7 | 85.3 | 2.5 | 34. |
| 14.2 | 50.3 | 5024.9 | 550.0 | -7.8 | -10.6 | 316.2 | 8.7 | 6.0 | -6.2 | 314.9 | 324.3 | 3.1 | 79.8 | 2.4 | 49. |
| 16.2 | 53.1 | 5390.4 | 525.0 | -9.1 | -16.4 | 295.5 | 6.9 | 6.2 | -3.0 | 317.5 | 323.9 | 2.0 | 55.1 | 2.6 | 61. |
| 17.4 | 55.0 | 5766.5 | 500.0 | -11.2 | -19.7 | 270.5 | 7.0 | 6.9 | -1.1 | 319.4 | 324.6 | 1.6 | 49.2 | 3.0 | 68. |
| 18.7 | 59.0 | 6158.1 | 475.0 | -14.4 | -23.8 | 270.7 | 6.2 | 6.2 | -0.1 | 320.1 | 324.0 | 1.2 | 44.7 | 3.4 | 72. |
| 20.2 | 62.0 | 6565.9 | 450.0 | -17.6 | -29.9 | 257.3 | 6.0 | 5.8 | 1.3 | 321.2 | 325.6 | 1.3 | 63.0 | 3.9 | 74. |
| 21.2 | 65.1 | 6991.0 | 425.0 | -21.2 | -24.0 | 248.1 | 7.3 | 6.8 | 2.7 | 321.8 | 326.1 | 1.3 | 78.3 | 4.4 | 73. |
| 22.4 | 68.4 | 7435.1 | 400.0 | -23.9 | -31.5 | 241.7 | 9.7 | 8.5 | 4.6 | 323.9 | 326.3 | 0.7 | 49.7 | 5.0 | 72. |
| 23.7 | 71.4 | 7934.0 | 375.0 | -27.0 | -36.5 | 241.8 | 11.2 | 9.9 | 5.3 | 325.8 | 325.9 | 0.0 | 1.1 | 5.7 | 71. |
| 25.1 | 75.3 | 8377.3 | 350.0 | -31.2 | -50.4 | 245.2 | 12.3 | 11.1 | 5.1 | 326.6 | 327.0 | 0.1 | 13.1 | 6.8 | 70. |
| 26.6 | 78.8 | 8917.2 | 325.0 | -36.0 | -51.9 | 247.4 | 11.2 | 10.4 | 4.3 | 327.0 | 327.4 | 0.1 | 17.6 | 7.8 | 69. |
| 28.3 | 82.4 | 9468.2 | 300.0 | -39.9 | 99.9 | 248.8 | 11.2 | 10.4 | 4.1 | 329.2 | 999.9 | 99.9 | 999.9 | 9.0 | 60. |
| 30.1 | 86.5 | 10057.9 | 275.0 | -43.7 | 99.9 | 234.4 | 12.7 | 10.3 | 7.4 | 332.0 | 999.9 | 99.9 | 999.9 | 10.2 | 69. |
| 32.0 | 90.7 | 10691.5 | 250.0 | -48.9 | 99.9 | 219.6 | 13.1 | 8.3 | 10.1 | 333.4 | 999.9 | 99.9 | 999.9 | 11.6 | 65. |
| 33.7 | 94.8 | 11374.9 | 225.0 | -54.6 | 99.9 | 217.3 | 13.8 | 8.4 | 11.0 | 334.9 | 999.9 | 99.9 | 999.9 | 12.8 | 63. |
| 35.6 | 98.4 | 12118.2 | 200.0 | -50.6 | 99.9 | 217.4 | 13.4 | 8.1 | 10.6 | 336.8 | 999.9 | 99.9 | 999.9 | 14.2 | 60. |
| 37.6 | 104.4 | 12945.9 | 175.0 | -52.6 | 99.9 | 230.3 | 18.0 | 13.9 | 11.5 | 346.6 | 999.9 | 99.9 | 999.9 | 15.8 | 58. |
| 40.1 | 110.3 | 13997.3 | 150.0 | -52.1 | 99.9 | 247.8 | 22.9 | 21.3 | 8.7 | 363.1 | 999.9 | 99.9 | 999.9 | 19.1 | 58. |
| 43.4 | 116.3 | 15027.7 | 125.0 | -52.2 | 99.9 | 256.8 | 20.9 | 20.3 | 4.8 | 382.4 | 999.9 | 99.9 | 999.9 | 23.4 | 61. |
| 47.0 | 123.3 | 16300.0 | 100.0 | -56.5 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 399.2 | 999.9 | 99.9 | 999.9 | 26.7 | 64. |
| 50.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 59.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEND MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 260
 STEPHENVILLE, TEXAS

 20 APRIL 1979
 805 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DEG C | E POT T DEG C | MX RTO GMS/KG | RM PCT | 153 RANGE KM | 14. 0 RANGE AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|------------------|-----------|--------------------|-----------------------------|
| 00.2 | 10.0 | 399.0 | 967.5 | 19.0 | 17.0 | 130.0 | 4.1 | -3.1 | 2.6 | 293.9 | 327.0 | 12.0 | 94.0 | 0.0 | 0.0 |
| 00.3 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.4 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.5 | 99.9 | 99.9 | 950.0 | 17.2 | 16.3 | 116.3 | 11.4 | -10.2 | 5.0 | 293.6 | 327.0 | 12.4 | 94.9 | 0.2 | 336. |
| 01.1 | 14.0 | 783.7 | 925.0 | 16.2 | 15.3 | 124.4 | 10.2 | -8.4 | 5.8 | 295.9 | 327.2 | 12.0 | 94.8 | 0.5 | 307. |
| 1.4 | 16.4 | 1017.4 | 909.0 | 15.4 | 14.6 | 139.5 | 9.1 | -5.9 | 7.0 | 292.4 | 328.4 | 11.7 | 94.8 | 0.9 | 309. |
| 2.5 | 14.7 | 1756.5 | 875.0 | 14.0 | 13.1 | 148.8 | 9.9 | -5.1 | 8.4 | 290.3 | 327.4 | 10.9 | 94.7 | 1.3 | 315. |
| 3.2 | 21.1 | 1501.1 | 850.0 | 12.7 | 10.4 | 157.4 | 9.3 | -3.6 | 8.6 | 295.5 | 324.8 | 9.4 | 85.8 | 1.7 | 319. |
| 4.1 | 23.5 | 1753.0 | 825.0 | 13.3 | 6.7 | 169.1 | 7.4 | -1.4 | 7.3 | 302.6 | 323.4 | 7.5 | 64.4 | 2.1 | 324. |
| 4.3 | 26.0 | 2011.3 | 800.0 | 11.7 | 5.0 | 182.5 | 6.4 | 0.3 | 6.4 | 303.6 | 322.8 | 6.9 | 63.6 | 2.4 | 328. |
| 5.4 | 29.5 | 2276.5 | 775.0 | 9.6 | 5.7 | 209.8 | 5.3 | 2.8 | 4.6 | 308.1 | 328.9 | 7.5 | 77.0 | 2.7 | 332. |
| 6.7 | 31.1 | 2548.8 | 750.0 | 9.2 | -1.1 | 263.0 | 5.6 | 5.6 | 0.7 | 306.6 | 320.2 | 4.7 | 49.4 | 2.7 | 339. |
| 7.4 | 33.7 | 2928.9 | 725.0 | 7.9 | -2.1 | 304.8 | 7.1 | 5.8 | -4.0 | 307.1 | 320.2 | 4.5 | 52.3 | 2.5 | 344. |
| 8.3 | 36.3 | 3116.4 | 700.0 | 4.7 | -3.2 | 317.8 | 8.2 | 5.5 | -6.1 | 307.7 | 320.3 | 4.3 | 56.5 | 2.1 | 351. |
| 9.4 | 39.9 | 3412.1 | 675.0 | 2.9 | -4.2 | 320.8 | 9.2 | 5.8 | -7.1 | 308.9 | 321.1 | 4.1 | 59.3 | 1.7 | 0. |
| 10.7 | 41.6 | 3716.8 | 650.0 | 0.7 | -5.2 | 323.1 | 9.9 | 5.9 | -7.9 | 309.8 | 321.6 | 4.0 | 64.3 | 1.3 | 15. |
| 11.4 | 44.3 | 4030.9 | 625.0 | -1.5 | -7.7 | 330.6 | 10.2 | 5.0 | -6.9 | 310.8 | 321.1 | 3.4 | 62.4 | 1.0 | 45. |
| 12.0 | 47.2 | 4354.9 | 600.0 | -3.8 | -11.7 | 324.1 | 10.0 | 5.9 | -8.1 | 311.8 | 319.7 | 2.6 | 54.0 | 1.0 | 84. |
| 14.0 | 50.1 | 4649.9 | 575.0 | -5.2 | -19.6 | 320.1 | 9.8 | 6.3 | -7.5 | 314.0 | 319.5 | 1.8 | 39.6 | 1.5 | 106. |
| 15.2 | 53.0 | 5039.2 | 550.0 | -6.9 | -24.3 | 317.6 | 9.7 | 6.6 | -7.2 | 316.0 | 318.1 | 0.0 | 1.0 | 2.1 | 116. |
| 16.4 | 56.0 | 5399.2 | 525.0 | -7.5 | -25.9 | 312.9 | 11.0 | 8.1 | -7.5 | 317.0 | 317.2 | 0.0 | 1.0 | 2.8 | 121. |
| 17.7 | 59.1 | 5774.1 | 500.0 | -12.6 | -17.7 | 321.7 | 10.1 | 6.2 | -7.9 | 317.7 | 323.7 | 1.9 | 65.9 | 3.7 | 124. |
| 19.1 | 62.3 | 6164.2 | 475.0 | -15.2 | -20.2 | 326.0 | 8.9 | 5.0 | -7.4 | 319.2 | 324.5 | 1.6 | 65.8 | 4.4 | 128. |
| 20.5 | 65.5 | 6570.7 | 450.0 | -19.3 | -23.6 | 309.9 | 9.1 | 7.0 | -5.8 | 320.2 | 325.6 | 1.6 | 62.4 | 5.2 | 130. |
| 22.0 | 68.9 | 6995.9 | 425.0 | -20.5 | -24.9 | 290.8 | 7.7 | 7.2 | -2.7 | 322.7 | 326.7 | 1.2 | 67.5 | 5.9 | 129. |
| 23.5 | 72.3 | 7442.1 | 400.0 | -23.6 | -30.4 | 279.6 | 7.3 | 7.2 | -1.2 | 324.3 | 327.0 | 0.8 | 55.1 | 6.5 | 126. |
| 25.2 | 75.9 | 7911.0 | 375.0 | -27.0 | -41.9 | 265.0 | 6.0 | 8.0 | 0.7 | 325.9 | 326.8 | 0.3 | 22.8 | 7.1 | 123. |
| 26.9 | 79.4 | 8405.2 | 350.0 | -30.9 | -38.7 | 251.8 | 6.7 | 8.3 | 2.7 | 327.1 | 328.4 | 0.4 | 45.8 | 7.7 | 118. |
| 28.4 | 83.4 | 8826.4 | 325.0 | -35.2 | -42.0 | 238.0 | 9.7 | 8.3 | 5.2 | 328.2 | 329.2 | 0.3 | 49.6 | 9.3 | 113. |
| 30.3 | 87.4 | 9450.3 | 300.0 | -38.6 | -47.6 | 232.1 | 12.1 | 9.6 | 7.4 | 331.0 | 331.6 | 0.2 | 37.9 | 8.9 | 107. |
| 32.5 | 91.7 | 10071.4 | 275.0 | -43.6 | -49.9 | 233.5 | 17.5 | 14.1 | 10.4 | 332.1 | 999.9 | 99.9 | 99.9 | 10.1 | 99. |
| 34.4 | 96.0 | 10703.8 | 250.0 | -49.3 | 99.9 | 228.4 | 23.5 | 17.6 | 15.6 | 332.8 | 999.9 | 99.9 | 99.9 | 12.1 | 89. |
| 36.4 | 100.9 | 11346.0 | 225.0 | -54.8 | 99.9 | 219.0 | 26.3 | 16.5 | 20.4 | 334.5 | 999.9 | 99.9 | 99.9 | 14.6 | 80. |
| 37.2 | 105.4 | 12129.0 | 200.0 | -61.5 | 99.9 | 216.6 | 30.9 | 18.4 | 24.8 | 335.3 | 999.9 | 99.9 | 99.9 | 17.6 | 71. |
| 41.6 | 111.3 | 12909.6 | 175.0 | -63.3 | 99.9 | 229.7 | 22.7 | 17.3 | 14.7 | 350.4 | 999.9 | 99.9 | 99.9 | 21.6 | 65. |
| 44.9 | 117.3 | 13909.4 | 150.0 | -62.2 | 99.9 | 246.3 | 20.8 | 19.0 | 8.3 | 362.9 | 999.9 | 99.9 | 99.9 | 25.2 | 64. |
| 49.1 | 123.8 | 15218.2 | 125.0 | -61.5 | 99.9 | 256.8 | 23.5 | 22.9 | 5.4 | 383.6 | 999.9 | 99.9 | 99.9 | 31.0 | 64. |
| 53.3 | 131.0 | 16413.0 | 100.0 | -63.7 | 99.9 | 263.0 | 15.7 | 15.5 | 1.9 | 404.7 | 999.9 | 99.9 | 99.9 | 35.9 | 68. |
| 54.5 | 139.0 | 18143.8 | 75.0 | -66.9 | 99.9 | 272.6 | 13.2 | 13.1 | -0.6 | 432.7 | 999.9 | 99.9 | 99.9 | 40.1 | 78. |
| 66.5 | 149.3 | 20612.0 | 50.0 | -60.0 | 99.9 | 312.0 | 8.1 | 6.0 | -5.4 | 502.2 | 999.9 | 99.9 | 99.9 | 43.3 | 74. |
| 79.5 | 158.0 | 23748.1 | 25.0 | -50.2 | 99.9 | 256.6 | 4.0 | 3.9 | 0.9 | 640.3 | 999.9 | 99.9 | 99.9 | 44.4 | 77. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 260
STEPHENVILLE, TEXAS

20 APRIL 1979
1105 GMT

157 16. 0

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT Y DG K | E POT Y DG K | MX RTO CM/KG | RM PCT | RANGE K ² | AZ DG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------------------|----------|
| 0.3 | 19.6 | 399.0 | 966.4 | 19.5 | 17.3 | 180.0 | 3.1 | 0.0 | 3.1 | 294.5 | 328.4 | 13.0 | 93.0 | 0.0 | 0. |
| 99.7 | 59.7 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.7 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.4 | 12.1 | 546.0 | 950.0 | 17.4 | 16.4 | 171.4 | 8.6 | -1.3 | 8.5 | 294.9 | 327.4 | 12.5 | 93.5 | 0.3 | 355. |
| 1.1 | 14.4 | 774.5 | 925.0 | 17.0 | 15.9 | 187.1 | 10.3 | 1.3 | 10.2 | 296.7 | 329.3 | 12.4 | 93.2 | 0.7 | 356. |
| 2.3 | 15.7 | 1009.8 | 900.0 | 16.5 | 14.9 | 204.5 | 8.9 | 3.7 | 8.1 | 298.5 | 330.3 | 12.0 | 90.6 | 1.2 | 4. |
| 2.3 | 19.1 | 1249.9 | 875.0 | 17.3 | 13.5 | 213.5 | 8.9 | 3.2 | 4.9 | 301.7 | 332.0 | 11.2 | 78.5 | 1.5 | 11. |
| 3.3 | 21.5 | 1497.7 | 850.0 | 16.7 | 5.9 | 207.1 | 4.4 | 2.0 | 3.9 | 303.6 | 322.9 | 6.9 | 49.1 | 1.8 | 14. |
| 4.7 | 24.0 | 1751.3 | 825.0 | 15.1 | 4.7 | 233.0 | 3.0 | 2.4 | 1.8 | 304.6 | 322.8 | 6.5 | 49.6 | 1.9 | 16. |
| 5.3 | 26.5 | 2311.3 | 800.0 | 13.3 | 2.7 | 297.5 | 2.8 | 2.5 | -1.3 | 305.3 | 321.9 | 5.9 | 48.8 | 2.0 | 19. |
| 6.5 | 29.0 | 2277.8 | 775.0 | 11.8 | -0.5 | 331.6 | 5.0 | 2.4 | -4.4 | 306.6 | 320.4 | 4.8 | 42.6 | 1.9 | 24. |
| 7.5 | 31.6 | 2551.6 | 750.0 | 9.9 | -4.3 | 334.9 | 7.0 | 3.0 | -6.4 | 307.3 | 321.5 | 4.9 | 44.1 | 1.5 | 34. |
| 8.5 | 34.2 | 2332.5 | 725.0 | 9.1 | -4.3 | 331.1 | 7.8 | 3.4 | -6.9 | 308.3 | 319.6 | 3.8 | 41.4 | 1.5 | 48. |
| 9.5 | 36.9 | 2111.0 | 700.0 | 5.7 | -2.6 | 335.7 | 7.7 | 3.2 | -7.4 | 309.1 | 322.1 | 4.5 | 53.3 | 1.4 | 68. |
| 10.4 | 39.6 | 3417.5 | 675.0 | 3.1 | -4.6 | 330.0 | 7.9 | 2.9 | -7.4 | 309.1 | 321.0 | 4.0 | 55.7 | 1.5 | 86. |
| 11.7 | 42.3 | 3732.1 | 650.0 | 0.3 | -7.0 | 330.3 | 9.4 | 3.8 | -8.6 | 309.6 | 320.0 | 3.5 | 57.7 | 1.8 | 104. |
| 12.4 | 45.0 | 4735.3 | 625.0 | -2.5 | -7.4 | 340.4 | 9.5 | 3.2 | -8.9 | 309.6 | 320.0 | 3.5 | 69.1 | 2.2 | 115. |
| 13.4 | 47.9 | 4353.1 | 600.0 | -5.0 | -8.9 | 354.2 | 7.3 | 0.7 | -7.3 | 310.3 | 320.1 | 3.3 | 74.1 | 2.6 | 125. |
| 14.7 | 50.9 | 4571.9 | 575.0 | -6.8 | -9.4 | 368 | 6.6 | -0.7 | -6.6 | 312.0 | 321.8 | 3.3 | 81.5 | 2.8 | 133. |
| 16.1 | 53.9 | 5738.5 | 550.0 | -7.9 | -39.7 | 1.3 | 7.6 | -0.2 | -7.6 | 314.8 | 316.0 | 0.3 | 9.0 | 3.2 | 141. |
| 17.1 | 56.9 | 5729.1 | 525.0 | -9.4 | -55.2 | 345.2 | 9.3 | 2.4 | -8.9 | 317.1 | 317.3 | 0.0 | 1.1 | 3.7 | 146. |
| 18.5 | 62.0 | 5774.0 | 500.0 | -12.4 | -57.8 | 336.2 | 9.5 | 3.8 | -8.7 | 318.0 | 318.1 | 0.0 | 1.0 | 4.4 | 148. |
| 19.5 | 63.3 | 6163.5 | 475.0 | -15.7 | -59.7 | 348.5 | 8.4 | 2.3 | -8.1 | 318.6 | 318.9 | 0.1 | 3.7 | 5.2 | 149. |
| 20.0 | 64.6 | 6549.0 | 450.0 | -18.7 | -57.2 | 340.6 | 7.2 | 2.4 | -6.8 | 319.7 | 19.9 | 0.0 | 2.0 | 5.8 | 151. |
| 21.5 | 70.0 | 6392.1 | 425.0 | -22.2 | -37.3 | 314.2 | 7.5 | 5.4 | -5.2 | 320.5 | 21.8 | 0.4 | 23.7 | 6.5 | 151. |
| 24.5 | 73.6 | 7335.4 | 400.0 | -25.4 | -30.1 | 297.3 | 7.8 | 7.4 | -2.3 | 322.0 | 324.7 | 0.8 | 66.6 | 7.1 | 148. |
| 26.2 | 77.1 | 7900.9 | 375.0 | -29.7 | -32.4 | 289.7 | 8.3 | 8.3 | 0.0 | 323.6 | 325.8 | 0.7 | 70.2 | 7.6 | 144. |
| 27.3 | 81.0 | 8391.9 | 350.0 | -32.1 | -70.5 | 252.7 | 8.6 | 8.3 | 2.6 | 325.5 | 325.5 | 0.0 | 1.0 | 8.0 | 138. |
| 29.5 | 85.2 | 9101.6 | 325.0 | -36.0 | -73.1 | 241.2 | 8.3 | 7.2 | 4.0 | 327.1 | 327.1 | 0.0 | 1.0 | 8.3 | 132. |
| 31.3 | 92.0 | 9461.0 | 300.0 | -40.8 | 99.9 | 244.6 | 9.4 | 8.5 | 4.0 | 327.9 | 999.9 | 99.9 | 999.9 | 8.6 | 127. |
| 33.2 | 93.3 | 10947.5 | 275.0 | -45.5 | 99.9 | 234.0 | 12.6 | 10.4 | 7.5 | 329.3 | 999.9 | 99.9 | 999.9 | 9.2 | 120. |
| 35.2 | 97.8 | 10475.7 | 250.0 | -50.7 | 99.9 | 229.8 | 16.6 | 12.7 | 10.7 | 330.7 | 999.9 | 99.9 | 999.9 | 10.0 | 110. |
| 37.7 | 102.4 | 11355.2 | 225.0 | -54.9 | 99.9 | 215.6 | 23.5 | 13.7 | 19.1 | 334.4 | 999.9 | 99.9 | 999.9 | 11.5 | 97. |
| 39.9 | 107.8 | 12396.7 | 200.0 | -61.4 | 99.9 | 212.7 | 29.3 | 15.8 | 24.7 | 335.6 | 999.9 | 99.9 | 999.9 | 13.3 | 82. |
| 42.5 | 113.5 | 12320.5 | 175.0 | -61.4 | 99.9 | 238.9 | 27.0 | 23.1 | 13.9 | 348.6 | 999.9 | 99.9 | 999.9 | 17.2 | 72. |
| 45.8 | 119.7 | 13392.8 | 150.0 | -57.0 | 99.9 | 254.8 | 19.5 | 18.8 | 5.1 | 371.8 | 999.9 | 99.9 | 999.9 | 21.5 | 72. |
| 49.5 | 126.3 | 15016.5 | 125.0 | -62.2 | 99.9 | 253.6 | 18.0 | 17.3 | 5.1 | 382.3 | 999.9 | 99.9 | 999.9 | 25.5 | 73. |
| 53.9 | 134.0 | 16403.8 | 100.0 | -64.1 | 99.9 | 265.9 | 16.3 | 16.3 | 1.2 | 403.9 | 999.9 | 99.9 | 999.9 | 29.8 | 73. |
| 59.9 | 142.5 | 19162.0 | 75.0 | -67.8 | 99.9 | 304.9 | 13.4 | 11.2 | -7.3 | 430.7 | 999.9 | 99.9 | 999.9 | 34.2 | 77. |
| 55.4 | 152.1 | 20621.1 | 50.0 | -60.7 | 99.9 | 283.2 | 4.9 | 4.7 | -1.1 | 500.5 | 999.9 | 99.9 | 999.9 | 35.6 | 81. |
| 77.0 | 162.7 | 25391.3 | 25.0 | -49.0 | 99.9 | 202.0 | 6.2 | 2.3 | 5.8 | 644.3 | 999.9 | 99.9 | 999.9 | 35.9 | 85. |

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 261
 DEL RIO, TEXAS

 19 APRIL 1979
 1100 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES IN | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DEG K | E POT T DEG K | WIND CM/KG | RM PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|---------------|-----------|-------------|-----------|
| 0.0 | 8.2 | 314.0 | 976.6 | 21.7 | 20.0 | 130.0 | 6.7 | -5.1 | 4.3 | 296.9 | 336.7 | 15.3 | 90.0 | 0.0 | 0. |
| 99.9 | 99.9 | 1000.0 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.3 | 8.3 | 328.3 | 975.0 | 21.5 | 20.0 | 128.1 | 7.4 | -5.3 | 4.6 | 296.8 | 336.7 | 15.3 | 91.0 | 0.0 | 349. |
| 0.7 | 10.5 | 553.7 | 950.0 | 19.4 | 18.7 | 119.9 | 12.0 | -10.4 | 8.0 | 296.9 | 334.6 | 14.5 | 95.7 | 0.4 | 296. |
| 1.4 | 12.6 | 793.6 | 925.0 | 18.0 | 17.2 | 124.9 | 15.1 | -12.4 | 8.6 | 297.7 | 333.2 | 13.5 | 95.4 | 1.2 | 300. |
| 2.7 | 14.9 | 1315.4 | 900.0 | 16.5 | 15.9 | 134.6 | 17.1 | -12.1 | 12.0 | 298.5 | 332.3 | 12.7 | 95.0 | 2.2 | 304. |
| 3.7 | 17.1 | 1759.0 | 875.0 | 15.5 | 14.8 | 147.0 | 14.9 | -8.1 | 12.5 | 299.9 | 332.6 | 12.3 | 95.7 | 3.2 | 309. |
| 4.4 | 19.3 | 1505.1 | 850.0 | 14.2 | 13.0 | 143.2 | 12.0 | -3.5 | 11.5 | 301.1 | 331.2 | 11.2 | 92.2 | 3.9 | 314. |
| 5.7 | 21.6 | 1757.5 | 825.0 | 13.4 | 9.2 | 172.5 | 14.1 | -1.8 | 14.0 | 302.8 | 327.3 | 8.9 | 75.9 | 4.5 | 319. |
| 6.6 | 23.9 | 2016.3 | 800.0 | 11.7 | 4.8 | 182.7 | 14.7 | 0.7 | 14.7 | 303.7 | 322.6 | 6.8 | 62.4 | 5.1 | 325. |
| 7.4 | 26.1 | 2281.5 | 775.0 | 10.2 | -1.9 | 192.8 | 14.5 | 3.2 | 14.2 | 304.8 | 317.2 | 4.3 | 42.6 | 5.7 | 330. |
| 8.2 | 28.6 | 2553.9 | 750.0 | 8.9 | -0.9 | 199.7 | 13.0 | 4.4 | 12.2 | 306.2 | 320.0 | 4.8 | 50.1 | 6.2 | 334. |
| 9.0 | 31.1 | 2833.5 | 725.0 | 6.4 | -0.9 | 204.8 | 11.4 | 4.8 | 10.3 | 306.5 | 320.8 | 5.0 | 59.5 | 6.6 | 338. |
| 10.3 | 33.5 | 3120.5 | 700.0 | 3.8 | -0.8 | 202.9 | 10.5 | 4.1 | 9.6 | 306.8 | 321.6 | 5.2 | 71.4 | 7.0 | 342. |
| 11.2 | 35.7 | 3416.9 | 675.0 | 1.4 | -0.2 | 202.2 | 10.3 | 3.9 | 9.6 | 307.2 | 323.3 | 5.6 | 89.0 | 7.6 | 345. |
| 12.5 | 38.6 | 3718.7 | 650.0 | -0.2 | -1.3 | 208.2 | 11.0 | 5.2 | 9.7 | 308.8 | 324.3 | 5.4 | 92.0 | 8.3 | 349. |
| 13.7 | 41.1 | 4032.2 | 625.0 | -2.0 | -3.0 | 214.7 | 10.0 | 5.7 | 8.2 | 310.2 | 324.5 | 4.9 | 92.9 | 8.9 | 353. |
| 14.0 | 43.4 | 4356.4 | 600.0 | -3.9 | -4.9 | 232.5 | 8.6 | 6.4 | 4.9 | 311.6 | 324.7 | 4.4 | 92.7 | 9.3 | 358. |
| 15.7 | 45.5 | 4671.5 | 575.0 | -6.2 | -7.4 | 243.4 | 7.6 | 6.8 | 3.4 | 312.8 | 324.2 | 3.8 | 91.0 | 9.6 | 358. |
| 17.3 | 49.3 | 5308.4 | 550.0 | -8.2 | -9.6 | 245.5 | 6.5 | 5.9 | 2.7 | 314.4 | 324.6 | 3.4 | 89.7 | 10.0 | 4. |
| 18.7 | 52.1 | 5799.0 | 525.0 | -9.7 | -11.6 | 250.3 | 5.1 | 3.6 | 3.6 | 316.7 | 326.0 | 3.0 | 86.3 | 10.0 | 4. |
| 20.3 | 45.0 | 5774.5 | 500.0 | -12.0 | -13.7 | 258.7 | 6.5 | 3.1 | 3.6 | 318.5 | 326.6 | 2.7 | 87.0 | 10.5 | 5. |
| 21.9 | 53.2 | 6165.4 | 475.0 | -14.8 | -16.5 | 215.9 | 9.3 | 5.5 | 7.5 | 319.7 | 326.8 | 2.2 | 86.8 | 11.1 | 6. |
| 23.4 | 61.1 | 6573.0 | 450.0 | -17.6 | -19.6 | 221.6 | 12.7 | 8.5 | 9.5 | 321.1 | 327.0 | 1.8 | 84.6 | 12.0 | 9. |
| 25.1 | 64.3 | 6999.2 | 425.0 | -20.2 | -23.3 | 221.3 | 14.9 | 9.8 | 11.2 | 323.1 | 327.6 | 1.4 | 76.4 | 13.3 | 13. |
| 26.4 | 67.4 | 7446.4 | 400.0 | -22.8 | -25.4 | 221.9 | 15.5 | 10.3 | 11.5 | 325.4 | 329.5 | 1.2 | 78.6 | 14.6 | 15. |
| 28.1 | 73.9 | 7716.9 | 375.0 | -24.2 | -28.3 | 229.0 | 17.9 | 13.5 | 11.7 | 327.0 | 330.4 | 1.0 | 81.8 | 16.3 | 19. |
| 30.4 | 74.3 | 812.5 | 350.0 | -29.8 | -33.4 | 237.5 | 18.1 | 15.3 | 9.7 | 328.5 | 330.8 | 0.6 | 70.8 | 18.2 | 23. |
| 33.1 | 79.0 | 4235.8 | 325.0 | -34.2 | -37.9 | 239.4 | 19.0 | 16.3 | 9.7 | 329.5 | 331.1 | 0.4 | 69.1 | 20.1 | 27. |
| 35.4 | 81.9 | 9499.8 | 300.0 | -39.9 | -43.2 | 233.5 | 20.6 | 16.6 | 12.2 | 330.6 | 331.6 | 0.3 | 63.0 | 22.6 | 30. |
| 37.9 | 85.4 | 10782.5 | 275.0 | -44.4 | -49.9 | 237.1 | 22.7 | 19.1 | 12.4 | 330.9 | 999.9 | 99.9 | 999.9 | 25.5 | 33. |
| 40.7 | 92.0 | 13711.1 | 250.0 | -50.3 | -56.6 | 245.6 | 24.6 | 22.4 | 10.2 | 331.4 | 999.9 | 99.9 | 999.9 | 29.1 | 37. |
| 43.4 | 94.6 | 11349.7 | 225.0 | -56.6 | -62.3 | 241.8 | 26.9 | 23.7 | 12.7 | 331.6 | 999.9 | 99.9 | 999.9 | 33.4 | 41. |
| 47.5 | 94.4 | 12127.2 | 200.0 | -61.6 | -69.9 | 252.2 | 27.0 | 25.7 | 8.2 | 335.2 | 999.9 | 99.9 | 999.9 | 39.2 | 45. |
| 52.4 | 104.6 | 12961.2 | 175.0 | -58.2 | -69.9 | 261.1 | 30.1 | 29.7 | 4.6 | 353.8 | 999.9 | 99.9 | 999.9 | 46.2 | 50. |
| 57.0 | 110.3 | 13321.4 | 150.0 | -62.3 | -69.9 | 264.2 | 25.9 | 25.7 | 2.6 | 362.8 | 999.9 | 99.9 | 999.9 | 53.6 | 55. |
| 62.3 | 116.7 | 15335.6 | 125.0 | -66.4 | -69.9 | 258.2 | 25.2 | 24.7 | 5.2 | 374.7 | 999.9 | 99.9 | 999.9 | 59.8 | 58. |
| 67.9 | 124.0 | 16373.9 | 100.0 | -72.2 | -69.9 | 265.6 | 22.5 | 22.5 | 0.2 | 388.3 | 999.9 | 99.9 | 999.9 | 67.3 | 61. |
| 75.6 | 132.5 | 18084.7 | 75.0 | -67.6 | -69.9 | 263.6 | 13.6 | 13.5 | 1.5 | 431.2 | 999.9 | 99.9 | 999.9 | 75.0 | 64. |
| 47.7 | 143.5 | 20539.4 | 50.0 | -60.2 | -69.9 | 330.5 | 8.9 | 4.4 | -7.7 | 501.7 | 999.9 | 99.9 | 999.9 | 79.7 | 66. |
| 130.6 | 150.5 | 24996.1 | 25.0 | -48.9 | -69.9 | 82.6 | 2.1 | -2.1 | -0.3 | 644.4 | 999.9 | 99.9 | 999.9 | 78.3 | 69. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 261
 DEL RIO, TEXAS

 19 APRIL 1979
 1405 GMT

154 13. 0

| TIME MIN | CMTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | J COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RM PCF | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 8.0 | 314.0 | 977.4 | 21.0 | 19.3 | 150.0 | 4.1 | -2.1 | 3.6 | 296.1 | 334.1 | 14.6 | 92.0 | 0.0 | 3- |
| 00.2 | 10.9 | 99.9 | 1002.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.1 | 8.2 | 375.5 | 975.0 | 20.9 | 19.3 | 149.5 | 5.2 | -2.7 | 4.5 | 296.2 | 334.4 | 14.7 | 91.1 | 0.0 | 352 |
| 0.9 | 13.3 | 460.6 | 952.0 | 19.5 | 18.6 | 148.2 | 12.2 | -6.4 | 10.4 | 297.0 | 335.0 | 14.6 | 95.9 | 0.5 | 327 |
| 1.6 | 12.5 | 790.7 | 925.0 | 19.3 | 17.6 | 152.3 | 14.2 | -6.6 | 12.6 | 298.1 | 336.5 | 13.9 | 95.5 | 1.1 | 328 |
| 2.5 | 14.7 | 1026.1 | 920.0 | 17.1 | 16.2 | 163.3 | 12.3 | -3.5 | 11.8 | 298.1 | 333.7 | 13.0 | 94.6 | 1.8 | 331 |
| 3.3 | 16.9 | 1267.0 | 875.0 | 16.3 | 15.5 | 173.9 | 10.9 | -1.2 | 10.9 | 300.7 | 336.8 | 12.8 | 94.8 | 2.3 | 336 |
| 4.1 | 19.2 | 1513.9 | 850.0 | 14.8 | 13.6 | 186.5 | 8.9 | 1.0 | 8.8 | 301.7 | 332.7 | 11.5 | 91.5 | 2.8 | 339 |
| 5.0 | 21.5 | 1765.6 | 825.0 | 17.5 | 3.3 | 225.0 | 6.2 | 4.4 | 4.4 | 307.1 | 328.0 | 5.9 | 35.6 | 3.0 | 366 |
| 5.9 | 23.4 | 2030.5 | 805.0 | 15.6 | 1.3 | 242.9 | 5.3 | 4.7 | 2.4 | 307.8 | 323.0 | 5.3 | 37.8 | 3.2 | 350 |
| 7.1 | 24.3 | 2298.7 | 775.0 | 13.1 | 0.3 | 248.2 | 6.0 | 5.6 | 2.2 | 307.9 | 323.3 | 5.4 | 44.0 | 3.2 | 356 |
| 7.1 | 24.5 | 2473.0 | 750.0 | 9.9 | 0.3 | 250.4 | 7.3 | 6.9 | 2.5 | 307.3 | 322.4 | 5.2 | 51.4 | 3.4 | 1- |
| 8.2 | 31.0 | 2453.9 | 725.0 | 7.9 | -0.1 | 252.5 | 7.8 | 7.4 | 2.3 | 308.1 | 323.3 | 5.3 | 57.1 | 3.5 | 8- |
| 9.7 | 37.4 | 3142.4 | 700.0 | 5.2 | -0.6 | 252.6 | 7.5 | 7.2 | 2.3 | 308.2 | 323.4 | 5.2 | 64.2 | 3.7 | 14- |
| 13.7 | 35.9 | 3338.3 | 675.0 | 2.5 | -0.7 | 246.0 | 7.9 | 7.2 | 3.1 | 308.4 | 324.0 | 5.4 | 79.5 | 4.0 | 19- |
| 11.6 | 39.5 | 3742.8 | 650.0 | 0.3 | -1.2 | 240.6 | 8.0 | 7.0 | 3.9 | 309.3 | 325.0 | 5.4 | 89.6 | 4.3 | 28- |
| 12.6 | 41.1 | 4056.7 | 625.0 | -1.8 | -2.7 | 235.2 | 8.0 | 6.5 | 4.5 | 310.4 | 325.1 | 5.0 | 91.6 | 4.8 | 27- |
| 13.1 | 43.7 | 4343.6 | 600.0 | -4.0 | -4.9 | 222.7 | 7.4 | 5.0 | 5.4 | 311.5 | 324.6 | 4.5 | 93.9 | 5.2 | 29- |
| 15.3 | 46.4 | 4715.9 | 575.0 | -5.8 | -6.6 | 206.3 | 9.1 | 3.6 | 7.3 | 313.2 | 325.3 | 4.1 | 94.1 | 5.8 | 32- |
| 16.1 | 49.2 | 5313.5 | 550.0 | -7.7 | -8.5 | 205.6 | 7.5 | 3.3 | 6.8 | 315.0 | 326.1 | 3.7 | 93.7 | 6.3 | 29- |
| 17.7 | 52.0 | 5624.5 | 525.0 | -10.0 | -10.9 | 229.6 | 7.5 | 4.9 | 5.7 | 316.5 | 326.2 | 3.2 | 92.5 | 6.8 | 28- |
| 19.1 | 54.9 | 5999.9 | 500.0 | -11.9 | -12.7 | 229.6 | 8.3 | 6.3 | 5.4 | 318.6 | 327.6 | 2.9 | 92.8 | 7.3 | 31- |
| 14.5 | 57.0 | 6191.0 | 475.0 | -14.4 | -15.4 | 234.3 | 9.2 | 7.5 | 5.4 | 320.1 | 327.8 | 2.4 | 92.0 | 7.9 | 32- |
| 23.9 | 61.9 | 6599.9 | 450.0 | -17.0 | -19.9 | 236.5 | 11.3 | 9.2 | 6.6 | 321.9 | 328.1 | 1.9 | 84.8 | 8.7 | 34- |
| 22.2 | 64.1 | 7325.5 | 425.0 | -20.1 | -22.2 | 229.2 | 11.8 | 9.0 | 7.7 | 323.2 | 328.2 | 1.5 | 83.5 | 9.5 | 30- |
| 23.5 | 67.3 | 7472.7 | 400.0 | -23.4 | -25.3 | 229.8 | 14.6 | 11.0 | 9.6 | 324.4 | 328.5 | 1.2 | 85.2 | 10.5 | 37- |
| 24.9 | 70.6 | 7741.9 | 375.0 | -26.2 | -33.2 | 233.5 | 19.9 | 16.0 | 11.8 | 326.9 | 329.1 | 0.6 | 52.0 | 12.0 | 39- |
| 26.4 | 74.1 | 8437.4 | 350.0 | -30.1 | -39.3 | 234.9 | 20.6 | 16.9 | 11.8 | 328.2 | 329.5 | 0.4 | 40.0 | 13.7 | 41- |
| 29.1 | 77.7 | 9460.6 | 325.0 | -34.3 | -41.1 | 234.1 | 19.3 | 15.6 | 11.3 | 329.4 | 330.6 | 0.3 | 49.7 | 15.7 | 43- |
| 29.9 | 81.5 | 9514.9 | 300.0 | -39.1 | -45.4 | 231.7 | 19.0 | 14.9 | 11.8 | 330.2 | 331.0 | 0.2 | 51.2 | 17.8 | 45- |
| 31.9 | 85.5 | 10104.0 | 275.0 | -44.6 | 99.9 | 237.6 | 18.8 | 15.9 | 10.1 | 330.6 | 999.9 | 99.9 | 999.9 | 19.9 | 45- |
| 33.9 | 89.6 | 10734.3 | 250.0 | -50.2 | 99.9 | 241.2 | 21.5 | 18.9 | 10.4 | 331.5 | 999.9 | 99.9 | 999.9 | 22.2 | 47- |
| 34.1 | 94.0 | 11614.3 | 225.0 | -55.6 | 99.9 | 246.0 | 21.9 | 20.1 | 8.9 | 333.3 | 999.9 | 99.9 | 999.9 | 25.1 | 48- |
| 34.7 | 98.9 | 12156.3 | 200.0 | -60.9 | 99.9 | 247.8 | 22.9 | 21.2 | 8.7 | 336.3 | 999.9 | 99.9 | 999.9 | 28.2 | 51- |
| 41.3 | 103.8 | 12799.6 | 175.0 | -63.1 | 99.9 | 252.7 | 30.1 | 28.7 | 9.0 | 350.8 | 999.9 | 99.9 | 999.9 | 32.2 | 53- |
| 44.7 | 109.4 | 13544.6 | 150.0 | -59.7 | 99.9 | 256.2 | 29.2 | 28.3 | 6.9 | 367.2 | 999.9 | 99.9 | 999.9 | 38.0 | 57- |
| 48.5 | 115.5 | 15353.2 | 125.0 | -51.8 | 99.9 | 261.2 | 21.8 | 21.6 | 3.3 | 383.2 | 999.9 | 99.9 | 999.9 | 43.7 | 59- |
| 52.9 | 122.7 | 16417.6 | 100.0 | -70.1 | 99.9 | 266.3 | 15.1 | 15.0 | 1.0 | 392.4 | 999.9 | 99.9 | 999.9 | 47.9 | 61- |
| 54.1 | 131.0 | 18151.7 | 75.0 | -66.2 | 99.9 | 271.0 | 11.6 | 11.6 | -0.2 | 434.2 | 999.9 | 99.9 | 999.9 | 52.2 | 64- |
| 65.8 | 141.5 | 20420.8 | 50.0 | -59.4 | 99.9 | 301.0 | 5.4 | 4.8 | -2.9 | 503.0 | 999.9 | 99.9 | 999.9 | 53.8 | 65- |
| 77.5 | 154.5 | 25072.7 | 25.0 | -49.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 641.4 | 999.9 | 99.9 | 999.9 | 53.2 | 67- |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 BY TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 261
 DEL RIO, TEXAS

 10 APRIL 1979
 1705 GMT

153 11. 0

| TIME MIN | CNCT | HEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DEG K | E POT T DEG K | MR RTO CM/KG | RM PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|-----------------|-----------|-------------|-----------|
| 0.1 | 8.1 | 314.0 | 978.0 | 22.2 | 20.5 | 130.0 | 6.7 | -5.1 | 4.3 | 297.2 | 338.3 | 15.7 | 90.0 | 0.0 | 0. |
| 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.1 | 8.3 | 340.9 | 975.0 | 21.9 | 20.3 | 131.7 | 7.9 | -5.9 | 5.3 | 297.2 | 338.0 | 15.7 | 90.9 | 0.1 | 350. |
| 0.4 | 10.5 | 566.5 | 950.0 | 17.0 | 19.0 | 142.7 | 11.7 | -7.1 | 9.3 | 297.3 | 335.9 | 14.8 | 95.2 | 0.5 | 321. |
| 1.4 | 12.6 | 797.1 | 925.0 | 19.1 | 18.0 | 150.9 | 12.0 | -5.6 | 10.5 | 296.9 | 336.4 | 14.2 | 93.3 | 1.1 | 325. |
| 2.5 | 14.8 | 1233.3 | 900.0 | 18.2 | 16.3 | 155.0 | 10.8 | -4.6 | 9.8 | 300.3 | 335.2 | 13.1 | 88.7 | 1.7 | 329. |
| 3.3 | 17.0 | 1275.1 | 875.0 | 19.3 | 11.9 | 174.5 | 7.8 | -0.7 | 7.7 | 332.6 | 330.3 | 10.1 | 66.6 | 2.2 | 330. |
| 4.7 | 19.3 | 1524.8 | 850.0 | 18.9 | 7.5 | 216.0 | 5.6 | 3.3 | 4.5 | 306.0 | 327.6 | 7.7 | 47.6 | 2.4 | 336. |
| 5.7 | 21.5 | 1780.9 | 825.0 | 17.5 | 5.6 | 232.1 | 6.0 | 4.7 | 3.7 | 307.1 | 326.8 | 7.0 | 45.6 | 2.5 | 344. |
| 6.6 | 23.4 | 2042.6 | 800.0 | 14.9 | 4.2 | 239.4 | 5.4 | 4.9 | 2.8 | 307.1 | 325.5 | 6.5 | 49.6 | 2.7 | 353. |
| 7.7 | 25.4 | 2310.4 | 775.0 | 12.9 | 3.0 | 245.7 | 5.4 | 4.9 | 2.2 | 307.7 | 325.3 | 6.7 | 51.2 | 2.9 | 360. |
| 8.4 | 29.4 | 2594.8 | 750.0 | 10.3 | 2.0 | 260.8 | 5.7 | 5.7 | 0.1 | 307.7 | 324.7 | 5.9 | 58.5 | 3.0 | 36. |
| 10.0 | 30.9 | 2945.7 | 725.0 | 7.7 | 0.9 | 269.6 | 7.4 | 7.4 | 0.1 | 307.9 | 324.1 | 5.6 | 62.0 | 3.0 | 14. |
| 11.4 | 33.5 | 3154.1 | 700.0 | 5.1 | 0.3 | 264.5 | 8.5 | 8.5 | 0.8 | 308.2 | 324.3 | 5.6 | 71.2 | 3.3 | 27. |
| 12.9 | 35.9 | 3450.3 | 675.0 | 2.6 | -0.7 | 250.1 | 9.2 | 8.9 | 2.5 | 308.6 | 324.3 | 5.4 | 78.9 | 3.8 | 35. |
| 13.7 | 39.4 | 3755.0 | 650.0 | 0.4 | -1.1 | 254.1 | 10.6 | 10.4 | 2.9 | 309.4 | 325.2 | 5.4 | 89.4 | 4.2 | 40. |
| 14.4 | 41.0 | 4068.6 | 625.0 | -2.2 | -2.6 | 257.0 | 11.1 | 10.8 | 2.5 | 309.9 | 324.6 | 5.1 | 97.0 | 4.6 | 43. |
| 15.4 | 43.7 | 4372.5 | 600.0 | -4.0 | -4.5 | 255.9 | 10.6 | 10.3 | 2.6 | 311.5 | 325.0 | 4.6 | 95.9 | 5.1 | 47. |
| 16.5 | 46.3 | 4727.7 | 575.0 | -5.9 | -6.4 | 245.5 | 9.9 | 9.0 | 4.1 | 313.1 | 325.4 | 4.1 | 96.4 | 5.8 | 53. |
| 17.7 | 49.1 | 5075.2 | 550.0 | -7.7 | -9.3 | 234.0 | 10.3 | 8.4 | 6.1 | 315.0 | 326.3 | 3.7 | 96.8 | 6.5 | 51. |
| 18.9 | 51.9 | 5436.2 | 525.0 | -9.9 | -10.8 | 229.7 | 11.4 | 8.7 | 7.4 | 316.5 | 326.3 | 3.2 | 91.9 | 7.2 | 51. |
| 20.1 | 54.4 | 5811.5 | 500.0 | -12.3 | -13.3 | 220.6 | 12.0 | 8.6 | 7.2 | 318.1 | 326.6 | 2.7 | 93.4 | 8.1 | 51. |
| 21.3 | 57.4 | 6232.6 | 475.0 | -14.5 | -15.2 | 220.0 | 12.0 | 8.6 | 8.3 | 320.1 | 327.9 | 2.5 | 94.4 | 9.9 | 51. |
| 22.5 | 60.9 | 6610.6 | 450.0 | -16.8 | -17.6 | 223.5 | 11.9 | 8.2 | 8.7 | 322.2 | 329.0 | 2.1 | 93.4 | 9.8 | 50. |
| 23.7 | 63.9 | 7038.3 | 425.0 | -19.7 | -20.5 | 224.2 | 13.4 | 10.9 | 7.8 | 323.8 | 329.5 | 1.8 | 93.0 | 10.9 | 50. |
| 25.5 | 67.1 | 7466.3 | 400.0 | -22.6 | -29.7 | 251.0 | 14.6 | 13.8 | 4.0 | 325.6 | 328.4 | 0.8 | 36.6 | 12.2 | 51. |
| 27.1 | 70.4 | 7856.7 | 375.0 | -30.3 | -42.0 | 244.5 | 15.1 | 14.6 | 4.0 | 326.7 | 328.2 | 0.6 | 36.6 | 13.4 | 54. |
| 28.7 | 73.9 | 8451.5 | 350.0 | -34.9 | -43.9 | 246.4 | 16.7 | 15.3 | 6.7 | 327.9 | 328.9 | 0.3 | 38.6 | 14.9 | 55. |
| 30.5 | 77.4 | 8733.6 | 325.0 | -39.7 | -43.9 | 240.6 | 19.4 | 16.9 | 9.5 | 328.6 | 329.5 | 0.2 | 39.1 | 16.8 | 56. |
| 32.3 | 81.3 | 9326.5 | 300.0 | -42.9 | 99.9 | 239.8 | 20.3 | 17.5 | 10.2 | 329.4 | 329.9 | 99.9 | 99.9 | 21.5 | 57. |
| 34.5 | 85.2 | 10117.6 | 275.0 | -48.6 | 99.9 | 244.7 | 21.2 | 19.2 | 9.1 | 333.8 | 333.8 | 99.9 | 99.9 | 24.3 | 58. |
| 36.7 | 89.1 | 10752.3 | 250.0 | -54.1 | 99.9 | 246.4 | 22.6 | 20.7 | 9.1 | 335.6 | 335.6 | 99.9 | 99.9 | 27.5 | 59. |
| 38.7 | 93.4 | 11416.1 | 225.0 | -59.9 | 99.9 | 246.3 | 22.6 | 25.3 | 9.1 | 332.5 | 332.5 | 99.9 | 99.9 | 35.2 | 61. |
| 40.1 | 103.4 | 13318.2 | 175.0 | -57.1 | 99.9 | 249.3 | 27.0 | 25.3 | 9.6 | 337.3 | 337.3 | 99.9 | 99.9 | 40.0 | 62. |
| 42.2 | 109.0 | 13987.2 | 150.0 | -60.9 | 99.9 | 253.8 | 28.5 | 21.6 | 6.3 | 364.8 | 364.8 | 99.9 | 99.9 | 49.7 | 64. |
| 50.9 | 115.3 | 15124.1 | 125.0 | -68.4 | 99.9 | 256.3 | 17.4 | 16.9 | 4.1 | 395.6 | 395.6 | 99.9 | 99.9 | 54.5 | 66. |
| 55.3 | 122.3 | 16499.6 | 100.0 | -64.8 | 99.9 | 270.0 | 13.0 | 13.0 | -0.0 | 432.8 | 432.8 | 99.9 | 99.9 | 57.0 | 67. |
| 61.2 | 130.4 | 18707.4 | 75.0 | -60.2 | 99.9 | 299.9 | 4.3 | 3.8 | -2.2 | 501.6 | 501.6 | 99.9 | 99.9 | 57.3 | 68. |
| 67.2 | 140.5 | 23676.6 | 50.0 | -43.4 | 99.9 | 301.9 | 5.1 | 4.3 | -2.7 | 645. | 645. | 99.9 | 99.9 | | |
| 78.4 | 152.5 | 25143.4 | 25.0 | | | | | | | | | | | | |

 0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 261
DEL RIO, TEXAS19 APRIL 1979
2300 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MM | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT OG K | E POT T DEG K | MX BTD CM/KG | RM PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|-------------|------------------|-----------------|-----------|-------------|-----------|
| 00 | 99.9 | 314.0 | 973.3 | 23.7 | 19.3 | 140.0 | 5.1 | -3.3 | 3.9 | 301.2 | 340.3 | 14.7 | 65.0 | 0.0 | 0. |
| 00.9 | 99.9 | 96.9 | 1000.0 | 29.9 | 99.9 | 92.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.9 | 11.2 | 527.3 | 950.0 | 23.8 | 20.0 | 140.3 | 9.8 | -5.5 | 8.2 | 301.4 | 343.2 | 15.8 | 79.3 | 0.4 | 325. |
| 1.5 | 13.4 | 760.7 | 925.0 | 21.8 | 19.6 | 140.8 | 10.3 | -5.9 | 8.4 | 301.6 | 343.4 | 15.7 | 87.1 | 0.9 | 325. |
| 2.3 | 15.6 | 728.6 | 900.0 | 19.6 | 18.2 | 140.3 | 9.8 | -5.2 | 8.4 | 301.7 | 341.2 | 14.8 | 91.8 | 1.4 | 325. |
| 3.0 | 17.9 | 1241.4 | 875.0 | 17.9 | 15.1 | 147.2 | 9.1 | -4.9 | 7.7 | 302.4 | 336.1 | 12.5 | 84.2 | 1.8 | 327. |
| 3.9 | 20.2 | 1491.1 | 850.0 | 19.8 | 5.9 | 153.8 | 8.5 | -3.8 | 7.8 | 306.9 | 326.3 | 6.9 | 40.2 | 2.2 | 326. |
| 4.7 | 22.5 | 1747.6 | 825.0 | 18.1 | 3.9 | 169.9 | 8.4 | -1.5 | 8.4 | 307.7 | 325.3 | 6.1 | 30.8 | 2.6 | 329. |
| 5.4 | 24.9 | 2310.1 | 800.0 | 16.2 | 2.4 | 182.5 | 9.3 | 0.4 | 9.3 | 308.4 | 324.8 | 5.7 | 39.3 | 3.1 | 333. |
| 6.4 | 27.2 | 2779.3 | 775.0 | 14.1 | 0.9 | 197.2 | 8.4 | 2.5 | 8.6 | 309.0 | 324.3 | 5.3 | 40.3 | 3.5 | 338. |
| 7.6 | 29.6 | 2555.1 | 750.0 | 11.9 | -1.3 | 210.9 | 7.5 | 3.8 | 6.4 | 309.5 | 323.1 | 4.6 | 39.8 | 3.9 | 343. |
| 8.4 | 32.0 | 2417.9 | 725.0 | 10.0 | -2.6 | 220.4 | 8.1 | 5.6 | 5.8 | 310.4 | 323.3 | 4.4 | 41.0 | 4.2 | 348. |
| 9.7 | 34.5 | 3128.4 | 700.0 | 7.4 | -3.1 | 236.8 | 8.8 | 7.4 | 4.8 | 310.6 | 323.5 | 4.4 | 47.4 | 4.4 | 355. |
| 10.7 | 37.0 | 3476.4 | 675.0 | 4.8 | -3.4 | 244.5 | 9.9 | 9.8 | 4.3 | 311.8 | 324.0 | 4.4 | 55.1 | 4.7 | 1. |
| 11.9 | 39.6 | 3733.0 | 650.0 | 2.0 | -5.0 | 254.4 | 10.9 | 10.5 | 2.9 | 311.2 | 323.2 | 4.1 | 59.9 | 5.0 | 9. |
| 13.0 | 42.7 | 4348.4 | 625.0 | -0.4 | -5.7 | 264.3 | 10.0 | 10.0 | 1.0 | 312.0 | 324.0 | 4.0 | 67.3 | 5.3 | 16. |
| 14.0 | 44.9 | 4374.1 | 600.0 | -2.7 | -6.9 | 273.9 | 9.4 | 9.4 | -0.5 | 313.1 | 324.4 | 3.8 | 72.4 | 5.5 | 22. |
| 15.1 | 47.4 | 4710.2 | 575.0 | -5.5 | -7.8 | 276.7 | 10.3 | 10.2 | -1.2 | 313.6 | 324.7 | 3.7 | 84.2 | 5.7 | 28. |
| 16.2 | 50.3 | 5357.9 | 550.0 | -8.0 | -10.2 | 279.1 | 11.7 | 11.6 | -1.9 | 316.6 | 324.3 | 3.2 | 86.6 | 6.3 | 35. |
| 17.5 | 53.2 | 5419.9 | 525.0 | -9.8 | -10.5 | 275.6 | 13.0 | 13.0 | -1.3 | 317.6 | 328.0 | 3.3 | 87.6 | 7.3 | 50. |
| 19.0 | 56.1 | 5795.7 | 500.0 | -10.6 | -14.3 | 269.1 | 12.9 | 12.8 | 0.4 | 315.9 | 327.9 | 2.5 | 75.0 | 7.3 | 50. |
| 20.3 | 59.1 | 6145.2 | 475.0 | -11.9 | -16.9 | 259.5 | 12.6 | 12.4 | 2.5 | 320.8 | 327.6 | 2.1 | 79.1 | 9.2 | 54. |
| 21.9 | 62.1 | 6597.1 | 450.0 | -16.7 | -19.7 | 249.8 | 11.2 | 10.6 | 3.9 | 322.3 | 328.0 | 1.8 | 77.4 | 9.2 | 56. |
| 23.6 | 65.3 | 7124.3 | 425.0 | -19.7 | -23.1 | 246.0 | 11.0 | 10.1 | 4.5 | 323.7 | 328.4 | 1.4 | 76.2 | 10.3 | 57. |
| 25.3 | 68.6 | 7471.4 | 400.0 | -23.4 | -26.6 | 248.1 | 12.1 | 11.2 | 4.5 | 324.6 | 328.3 | 1.1 | 75.0 | 11.5 | 58. |
| 26.7 | 71.9 | 7403.5 | 375.0 | -27.0 | -30.3 | 252.3 | 11.7 | 11.2 | 3.6 | 325.9 | 328.7 | 0.8 | 73.1 | 12.5 | 59. |
| 28.2 | 75.4 | 8136.5 | 350.0 | -30.7 | -34.5 | 256.6 | 11.1 | 10.3 | 2.6 | 327.3 | 329.4 | 0.6 | 69.0 | 13.5 | 61. |
| 29.9 | 79.0 | 8956.5 | 325.0 | -34.5 | -38.6 | 250.6 | 14.5 | 14.0 | 3.9 | 319.2 | 330.7 | 0.4 | 65.7 | 14.5 | 61. |
| 31.5 | 82.9 | 7511.8 | 300.0 | -39.5 | -43.0 | 248.6 | 18.8 | 17.5 | 6.9 | 331.1 | 332.1 | 0.3 | 61.9 | 16.3 | 62. |
| 33.0 | 86.9 | 13103.4 | 275.0 | -43.0 | 99.9 | 257.3 | 21.2 | 20.7 | 4.6 | 333.0 | 999.9 | 99.9 | 999.9 | 18.4 | 64. |
| 35.0 | 91.0 | 13737.9 | 250.0 | -48.5 | 99.9 | 269.5 | 21.1 | 20.8 | 3.5 | 333.3 | 999.9 | 99.9 | 999.9 | 20.5 | 65. |
| 37.0 | 95.5 | 14422.0 | 225.0 | -54.7 | 99.9 | 255.1 | 19.2 | 18.6 | 4.9 | 336.6 | 999.9 | 99.9 | 999.9 | 22.8 | 67. |
| 39.4 | 102.7 | 12167.0 | 200.0 | -59.0 | 99.9 | 249.1 | 23.1 | 21.6 | 8.3 | 339.4 | 999.9 | 99.9 | 999.9 | 25.7 | 67. |
| 42.0 | 105.4 | 13033.3 | 175.0 | -59.7 | 99.9 | 246.7 | 22.1 | 20.3 | 8.8 | 353.0 | 999.9 | 99.9 | 999.9 | 28.4 | 68. |
| 46.0 | 111.0 | 13773.3 | 150.0 | -59.1 | 99.9 | 253.5 | 22.2 | 21.3 | 6.3 | 368.2 | 999.9 | 99.9 | 999.9 | 34.7 | 68. |
| 49.0 | 117.3 | 15195.0 | 125.0 | -63.9 | 99.9 | 265.8 | 23.1 | 23.0 | 1.7 | 379.3 | 999.9 | 99.9 | 999.9 | 40.0 | 69. |
| 53.9 | 124.3 | 14511.8 | 100.0 | -70.6 | 99.9 | 264.4 | 16.3 | 16.3 | 1.5 | 351.3 | 95.9 | 99.9 | 999.9 | 44.1 | 71. |
| 57.6 | 132.7 | 13155.9 | .50 | -69.0 | 99.9 | 248.1 | 14.2 | 14.2 | 0.4 | 428.3 | 999.9 | 99.9 | 999.9 | 49.6 | 72. |
| 57.0 | 133.0 | 20414.7 | 50.0 | -59.1 | 99.9 | 299.0 | 7.0 | 6.1 | -3.4 | 584.1 | 999.9 | 99.9 | 999.9 | 53.4 | 73. |
| 79.5 | 157.0 | 25101.0 | 25.0 | -49.7 | 99.9 | 19.1 | 1.8 | -0.6 | -1.7 | 641.7 | 999.9 | 99.9 | 999.9 | 52.1 | 76. |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 261
DEL RIO, TEXAS

26 APRIL 1979
205 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 3.0 | A.2 | 314.0 | 974.0 | 23.9 | 20.6 | 30.0 | 2.6 | -1.3 | -2.3 | 299.3 | 71.3 | 16.0 | 82.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 3.9 | 10.4 | 531.2 | 950.0 | 23.6 | 19.7 | 118.9 | 3.8 | -3.4 | 1.9 | 301.2 | 342.1 | 15.4 | 78.6 | 0.2 | 274. |
| 1.7 | 12.7 | 766.5 | 925.0 | 21.7 | 19.7 | 125.6 | 4.2 | -3.4 | 2.4 | 301.5 | 343.5 | 15.8 | 89.1 | 0.4 | 298. |
| 2.6 | 15.1 | 1004.4 | 900.0 | 19.3 | 18.0 | 154.7 | 4.2 | -1.8 | 3.8 | 301.5 | 343.5 | 14.7 | 92.2 | 0.6 | 298. |
| 3.4 | 17.5 | 1247.4 | 875.0 | 19.2 | 16.0 | 188.2 | 4.5 | 0.7 | 4.5 | 302.7 | 334.3 | 13.2 | 86.6 | 0.7 | 313. |
| 4.3 | 19.9 | 1496.2 | 850.0 | 17.6 | 10.9 | 205.5 | 4.5 | 1.9 | 4.0 | 304.5 | 331.3 | 9.7 | 65.1 | 0.8 | 327. |
| 5.1 | 22.3 | 1751.5 | 825.0 | 16.7 | 7.4 | 208.7 | 4.6 | 2.2 | 4.0 | 306.3 | 328.3 | 7.9 | 54.2 | 1.0 | 339. |
| 6.1 | 24.7 | 2212.9 | 800.0 | 14.8 | 5.2 | 223.7 | 4.5 | 3.1 | 3.2 | 306.9 | 326.6 | 7.0 | 52.8 | 1.2 | 349. |
| 6.9 | 27.4 | 2291.4 | 775.0 | 13.6 | 2.8 | 238.6 | 4.3 | 3.7 | 2.3 | 309.4 | 325.9 | 6.1 | 49.3 | 1.3 | 359. |
| 7.8 | 29.9 | 2566.8 | 750.0 | 11.6 | 0.6 | 241.4 | 4.2 | 3.7 | 2.0 | 309.2 | 324.6 | 5.3 | 46.7 | 1.4 | 36. |
| 9.6 | 32.5 | 2439.3 | 725.0 | 9.0 | 0.2 | 255.0 | 4.1 | 3.9 | 1.3 | 309.3 | 324.9 | 5.4 | 54.2 | 1.5 | 13. |
| 9.5 | 35.1 | 3129.9 | 700.0 | 6.8 | -0.7 | 261.1 | 4.5 | 4.4 | 0.7 | 310.1 | 325.3 | 5.2 | 58.7 | 1.6 | 21. |
| 10.5 | 37.9 | 3426.6 | 675.0 | 4.2 | -1.3 | 269.1 | 5.3 | 5.3 | 0.1 | 310.4 | 325.5 | 5.2 | 67.2 | 1.7 | 29. |
| 11.5 | 40.5 | 3732.5 | 650.0 | 1.1 | -1.1 | 267.8 | 6.1 | 6.1 | 0.2 | 310.2 | 326.1 | 5.5 | 85.4 | 1.9 | 38. |
| 12.5 | 43.3 | 4047.1 | 625.0 | -1.6 | -2.1 | 264.3 | 6.3 | 6.3 | 0.6 | 310.7 | 326.0 | 5.3 | 96.3 | 2.2 | 45. |
| 13.5 | 46.1 | 4371.3 | 600.0 | -3.4 | -3.6 | 263.0 | 6.9 | 6.8 | 0.8 | 312.1 | 326.5 | 4.9 | 98.5 | 2.5 | 51. |
| 14.6 | 49.0 | 4727.0 | 575.0 | -5.5 | -5.6 | 258.9 | 7.6 | 7.4 | 1.7 | 313.6 | 326.7 | 4.4 | 98.9 | 2.9 | 56. |
| 15.9 | 52.0 | 5054.2 | 550.0 | -8.4 | -9.3 | 253.6 | 8.7 | 8.3 | 2.6 | 314.1 | 324.5 | 3.4 | 93.0 | 3.5 | 59. |
| 17.3 | 55.0 | 5314.3 | 525.0 | -10.1 | -12.1 | 255.4 | 11.5 | 10.9 | 3.5 | 316.2 | 325.1 | 2.9 | 85.4 | 4.3 | 61. |
| 19.9 | 58.1 | 5739.8 | 500.0 | -11.7 | -15.2 | 253.7 | 15.2 | 14.6 | 4.3 | 318.8 | 326.2 | 2.3 | 76.8 | 5.6 | 64. |
| 20.4 | 61.4 | 6191.2 | 475.0 | -14.4 | -18.4 | 250.9 | 15.4 | 15.0 | 3.5 | 320.1 | 326.7 | 1.9 | 71.4 | 7.0 | 66. |
| 21.7 | 64.6 | 6589.4 | 450.0 | -16.9 | -20.4 | 261.5 | 15.6 | 15.4 | 2.3 | 322.0 | 327.5 | 1.7 | 73.8 | 8.2 | 69. |
| 23.1 | 69.0 | 7116.1 | 425.0 | -20.1 | -21.5 | 261.9 | 17.1 | 16.9 | 2.4 | 323.2 | 328.5 | 1.6 | 88.8 | 9.5 | 70. |
| 24.5 | 71.4 | 7463.0 | 400.0 | -27.4 | -46.0 | 253.3 | 20.1 | 19.2 | 5.8 | 324.6 | 326.0 | 0.4 | 25.8 | 11.1 | 71. |
| 24.5 | 75.1 | 7931.4 | 375.0 | -27.2 | -67.3 | 248.6 | 21.1 | 19.6 | 7.7 | 325.6 | 325.7 | 0.0 | 1.0 | 13.5 | 71. |
| 24.5 | 78.9 | 8424.5 | 350.0 | -31.4 | -62.0 | 252.8 | 22.9 | 21.9 | 6.8 | 326.4 | 326.5 | 0.0 | 3.2 | 16.1 | 71. |
| 32.4 | 85.9 | 9166.7 | 325.0 | -34.2 | -81.0 | 260.0 | 25.5 | 25.1 | 4.4 | 329.5 | 330.7 | 0.3 | 50.0 | 19.0 | 72. |
| 34.5 | 91.0 | 10393.1 | 300.0 | -39.5 | -85.3 | 261.2 | 24.0 | 23.7 | 3.7 | 331.1 | 331.9 | 0.2 | 48.4 | 21.9 | 73. |
| 36.7 | 95.4 | 10726.7 | 275.0 | -43.6 | -99.9 | 258.3 | 22.8 | 22.2 | 5.4 | 332.1 | 999.9 | 99.9 | 999.9 | 24.9 | 74. |
| 36.7 | 95.4 | 11410.5 | 250.0 | -44.8 | 99.9 | 259.0 | 21.3 | 21.0 | 4.1 | 333.5 | 999.9 | 99.9 | 999.9 | 27.8 | 74. |
| 36.7 | 95.4 | 11410.5 | 225.0 | -54.9 | 99.9 | 267.2 | 22.7 | 22.6 | 1.1 | 334.4 | 999.9 | 99.9 | 999.9 | 30.9 | 75. |
| 42.3 | 105.4 | 12152.4 | 200.0 | -61.3 | 99.9 | 270.5 | 24.3 | 24.3 | -0.2 | 335.6 | 999.9 | 99.9 | 999.9 | 35.3 | 77. |
| 45.9 | 111.0 | 12973.7 | 175.0 | -63.0 | 99.9 | 255.9 | 25.0 | 24.2 | 6.1 | 346.0 | 999.9 | 99.9 | 999.9 | 43.0 | 78. |
| 47.9 | 117.2 | 13731.1 | 150.0 | -60.2 | 99.9 | 257.7 | 27.4 | 26.8 | 5.8 | 366.4 | 999.9 | 99.9 | 999.9 | 46.9 | 77. |
| 54.4 | 123.7 | 15042.1 | 125.0 | -63.7 | 99.9 | 268.2 | 20.4 | 20.4 | 0.6 | 379.6 | 999.9 | 99.9 | 999.9 | 53.2 | 78. |
| 60.1 | 131.0 | 16412.2 | 100.0 | -67.6 | 99.9 | 268.2 | 16.9 | 16.9 | 0.5 | 397.1 | 999.9 | 99.9 | 999.9 | 59.1 | 78. |
| 66.1 | 139.7 | 19126.1 | 75.0 | -69.6 | 99.9 | 265.0 | 13.6 | 13.6 | 1.2 | 427.0 | 999.9 | 99.9 | 999.9 | 65.2 | 79. |
| 75.9 | 149.7 | 20563.5 | 50.0 | -64.0 | 99.9 | 297.9 | 5.3 | 4.7 | -2.5 | 492.7 | 999.9 | 99.9 | 999.9 | 69.3 | 80. |
| 93.3 | 161.0 | 24485.2 | 25.0 | -49.2 | 99.9 | 320.1 | 5.4 | 3.5 | -4.1 | 643.3 | 999.9 | 99.9 | 999.9 | 67.9 | 82. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 261
DEL RIO, TEXAS

20 APRIL 1979
505 GMT

| TIME UT | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTD GM/KG | RM PCT | RANGE KM | AZ DG |
|------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 0.7 | 314.0 | 974.5 | 19.1 | 15.2 | 110.0 | 5.1 | -4.8 | 1.7 | 294.4 | 323.8 | 11.2 | 78.0 | 0.0 | 0. |
| 99.7 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.7 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.9 | 11.0 | 535.2 | 950.0 | 22.5 | 18.5 | 133.1 | 12.0 | -8.6 | 8.2 | 300.0 | 337.9 | 14.3 | 78.4 | 0.4 | 297. |
| 1.7 | 13.4 | 767.9 | 925.0 | 21.3 | 20.2 | 144.7 | 13.6 | -7.9 | 11.1 | 301.1 | 344.3 | 16.3 | 93.2 | 1.1 | 310. |
| 2.5 | 15.8 | 1205.9 | 900.0 | 20.1 | 18.2 | 151.6 | 13.6 | -6.6 | 12.1 | 302.2 | 341.8 | 14.8 | 88.7 | 1.8 | 318. |
| 3.3 | 19.2 | 1249.3 | 875.0 | 18.5 | 16.0 | 157.1 | 12.7 | -5.0 | 11.7 | 303.0 | 338.7 | 13.2 | 85.4 | 2.4 | 322. |
| 4.2 | 20.7 | 1498.5 | 850.0 | 17.7 | 14.6 | 172.9 | 9.9 | -11.2 | 9.8 | 304.4 | 338.4 | 12.4 | 82.2 | 3.0 | 326. |
| 5.0 | 23.1 | 1753.8 | 825.0 | 16.1 | 12.6 | 192.7 | 8.8 | 1.9 | 8.6 | 305.6 | 336.5 | 11.3 | 80.0 | 3.3 | 331. |
| 5.9 | 25.6 | 2016.2 | 800.0 | 16.4 | 7.5 | 201.1 | 7.3 | 2.6 | 6.8 | 308.7 | 331.8 | 8.2 | 55.7 | 3.6 | 336. |
| 6.9 | 29.2 | 2286.1 | 775.0 | 14.7 | 3.4 | 210.2 | 6.6 | 2.4 | 6.1 | 309.7 | 327.9 | 6.3 | 45.5 | 3.9 | 340. |
| 7.9 | 33.8 | 2562.7 | 750.0 | 12.5 | 2.5 | 210.9 | 6.5 | 3.3 | 5.5 | 310.2 | 327.9 | 6.1 | 50.4 | 4.2 | 343. |
| 8.9 | 37.6 | 2846.5 | 725.0 | 10.6 | 1.3 | 235.2 | 5.7 | 4.7 | 3.3 | 311.1 | 326.0 | 5.8 | 52.4 | 4.4 | 347. |
| 9.7 | 39.0 | 3137.7 | 700.0 | 8.3 | -0.5 | 262.8 | 5.6 | 5.6 | 0.7 | 311.7 | 327.2 | 5.3 | 53.5 | 4.4 | 351. |
| 10.7 | 38.9 | 3437.0 | 675.0 | 5.2 | -1.0 | 283.9 | 7.0 | 6.8 | -1.7 | 311.5 | 327.0 | 5.3 | 64.3 | 4.3 | 356. |
| 11.7 | 41.6 | 3744.2 | 650.0 | 2.4 | -1.9 | 284.8 | 9.8 | 9.4 | -2.5 | 311.7 | 326.8 | 5.1 | 73.0 | 4.2 | 2. |
| 12.9 | 44.4 | 4050.3 | 625.0 | -0.2 | -5.3 | 282.6 | 11.4 | 11.2 | -2.5 | 312.2 | 324.5 | 4.1 | 65.2 | 4.1 | 12. |
| 13.7 | 47.1 | 4385.9 | 600.0 | -3.0 | -6.2 | 283.1 | 12.7 | 12.4 | -2.9 | 312.7 | 324.7 | 4.0 | 78.4 | 4.2 | 23. |
| 15.0 | 50.3 | 4721.7 | 575.0 | -6.1 | -7.5 | 286.5 | 14.2 | 13.6 | -4.0 | 312.8 | 324.2 | 3.8 | 90.3 | 4.4 | 34. |
| 16.1 | 53.3 | 5068.4 | 550.0 | -8.2 | -13.3 | 290.7 | 15.7 | 14.7 | -5.6 | 314.4 | 322.2 | 2.5 | 67.3 | 4.8 | 46. |
| 17.3 | 56.3 | 5429.2 | 525.0 | -9.5 | -21.0 | 302.0 | 14.2 | 12.0 | -7.5 | 317.0 | 321.5 | 1.4 | 35.6 | 5.3 | 58. |
| 18.7 | 59.5 | 5803.9 | 500.0 | -12.7 | -23.3 | 303.2 | 11.7 | 9.8 | -6.4 | 317.6 | 321.4 | 1.2 | 40.4 | 5.8 | 67. |
| 20.2 | 62.7 | 6193.1 | 475.0 | -15.8 | -26.6 | 288.6 | 13.3 | 12.6 | -4.3 | 318.4 | 321.5 | 0.9 | 39.1 | 6.5 | 75. |
| 22.1 | 66.0 | 6599.1 | 450.0 | -18.7 | -27.0 | 273.1 | 16.8 | 16.8 | -0.9 | 319.8 | 322.8 | 0.9 | 47.7 | 6.1 | 80. |
| 23.6 | 69.4 | 7024.0 | 425.0 | -19.4 | -48.1 | 256.8 | 18.0 | 17.5 | 4.1 | 324.1 | 324.6 | 0.1 | 7.2 | 9.7 | 81. |
| 24.9 | 72.9 | 7471.3 | 400.0 | -23.4 | -44.9 | 244.9 | 18.5 | 16.8 | 7.9 | 324.6 | 325.3 | 0.2 | 11.7 | 11.1 | 79. |
| 26.4 | 76.6 | 7939.8 | 375.0 | -26.8 | -49.5 | 244.1 | 19.2 | 17.3 | 8.4 | 326.1 | 326.5 | 0.1 | 9.6 | 12.7 | 77. |
| 28.0 | 80.3 | 8435.3 | 350.0 | -29.8 | -53.3 | 241.1 | 19.7 | 17.3 | 9.5 | 328.6 | 328.9 | 0.1 | 8.0 | 14.5 | 75. |
| 30.0 | 84.2 | 8958.9 | 325.0 | -33.9 | -56.4 | 240.3 | 20.7 | 18.0 | 10.2 | 329.9 | 330.2 | 0.1 | 8.1 | 16.8 | 73. |
| 31.9 | 89.3 | 9514.3 | 300.0 | -39.4 | -59.1 | 236.9 | 19.7 | 16.5 | 10.8 | 331.2 | 331.4 | 0.0 | 9.1 | 19.2 | 72. |
| 33.7 | 92.6 | 10106.4 | 275.0 | -43.4 | -59.9 | 231.7 | 18.4 | 14.5 | 11.4 | 332.4 | 331.4 | 99.9 | 99.9 | 21.2 | 70. |
| 35.7 | 97.2 | 10740.7 | 250.0 | -48.6 | 99.9 | 210.2 | 14.9 | 7.5 | 12.8 | 333.8 | 333.8 | 99.9 | 99.9 | 23.0 | 68. |
| 37.7 | 102.0 | 11426.0 | 225.0 | -53.5 | 99.9 | 182.2 | 13.8 | -4.2 | 13.2 | 336.6 | 336.6 | 99.9 | 99.9 | 23.7 | 65. |
| 39.7 | 107.0 | 12174.2 | 200.0 | -59.8 | 99.9 | 162.8 | 13.1 | -3.9 | 12.6 | 339.7 | 339.7 | 99.9 | 99.9 | 23.7 | 60. |
| 42.5 | 112.4 | 12997.8 | 175.0 | -67.1 | 99.9 | 207.8 | 15.5 | 7.2 | 13.7 | 342.6 | 342.6 | 99.9 | 99.9 | 24.7 | 57. |
| 46.0 | 118.3 | 13948.2 | 150.0 | -61.8 | 99.9 | 249.3 | 24.7 | 23.1 | 8.8 | 363.7 | 363.7 | 99.9 | 99.9 | 29.3 | 57. |
| 52.4 | 125.3 | 15073.5 | 125.0 | -64.4 | 99.9 | 261.1 | 24.7 | 24.4 | 3.8 | 378.4 | 378.4 | 99.9 | 99.9 | 35.6 | 60. |
| 55.3 | 132.7 | 16421.9 | 100.0 | -69.6 | 99.9 | 261.1 | 21.2 | 21.2 | 3.3 | 395.1 | 395.1 | 99.9 | 99.9 | 42.1 | 63. |
| 61.1 | 141.3 | 18140.8 | 75.0 | -67.6 | 99.9 | 261.0 | 11.6 | 11.5 | 1.0 | 431.1 | 431.1 | 99.9 | 99.9 | 48.3 | 66. |
| 70.0 | 151.0 | 22542.5 | 50.0 | -64.6 | 99.9 | 308.4 | 3.4 | 2.6 | -2.1 | 491.4 | 491.4 | 99.9 | 99.9 | 48.8 | 64. |
| 84.5 | 161.3 | 25314.7 | 25.0 | -50.0 | 99.9 | 288.2 | 4.2 | 4.0 | -1.3 | 641.2 | 641.2 | 99.9 | 99.9 | 48.1 | 60. |

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 261
OEL MIO. TEXAS20 APRIL 1979
605 GMT

| TIME MIN | CNTCT | WHEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTD CM/KG | RM PCT | RANGE KN | AZ DG |
|-------------|-------|----------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.7 | 9.3 | 314.0 | 974.2 | 18.3 | 15.0 | 120.0 | 4.1 | -3.6 | 2.0 | 293.6 | 322.6 | 11.1 | 81.0 | 0.0 | 0. |
| 99.7 | 99.9 | 99.9 | 1200.0 | 97.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.2 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.5 | 11.5 | 510.5 | 950.0 | 19.9 | 17.8 | 132.1 | 14.7 | -10.9 | 9.9 | 297.4 | 332.9 | 13.5 | 85.4 | 0.4 | 305. |
| 1.6 | 13.9 | 762.4 | 925.0 | 27.7 | 19.8 | 138.2 | 14.4 | -9.6 | 10.8 | 300.5 | 342.7 | 16.0 | 94.6 | 1.1 | 313. |
| 2.2 | 16.3 | 999.7 | 903.0 | 19.4 | 18.8 | 152.2 | 13.7 | -6.4 | 12.1 | 301.5 | 342.4 | 15.4 | 98.4 | 1.7 | 315. |
| 3.7 | 19.7 | 1242.7 | 875.0 | 19.4 | 17.7 | 162.3 | 12.2 | -3.7 | 11.6 | 302.9 | 342.6 | 14.8 | 95.8 | 2.3 | 322. |
| 3.7 | 21.2 | 1492.2 | 850.0 | 17.5 | 14.7 | 176.2 | 10.3 | -0.7 | 10.2 | 304.5 | 337.8 | 11.9 | 86.7 | 3.1 | 332. |
| 4.3 | 23.6 | 1767.4 | 825.0 | 15.7 | 13.5 | 190.0 | 9.3 | 1.6 | 9.1 | 305.2 | 336.5 | 10.9 | 84.5 | 3.6 | 338. |
| 5.4 | 26.2 | 2009.9 | 803.0 | 14.3 | 11.7 | 200.0 | 8.9 | 3.0 | 8.4 | 306.4 | 336.5 | 7.1 | 52.5 | 4.0 | 343. |
| 6.7 | 29.8 | 2272.4 | 775.0 | 14.6 | 4.9 | 230.8 | 6.0 | 4.7 | 3.8 | 309.6 | 329.8 | 6.2 | 48.1 | 4.1 | 347. |
| 7.7 | 31.3 | 2554.5 | 750.0 | 13.3 | 2.5 | 246.8 | 3.5 | 3.2 | 1.4 | 311.0 | 328.8 | 5.7 | 53.2 | 4.1 | 349. |
| 8.8 | 34.0 | 2913.8 | 725.0 | 10.9 | 1.0 | 238.5 | 2.5 | 2.1 | 1.3 | 311.4 | 328.0 | 5.0 | 59.9 | 4.2 | 351. |
| 9.9 | 36.7 | 3130.4 | 700.0 | 9.1 | 0.1 | 280.6 | 1.3 | 1.3 | -0.2 | 311.5 | 327.6 | 5.5 | 59.9 | 4.1 | 351. |
| 11.2 | 39.4 | 3429.6 | 675.0 | 5.5 | -1.8 | 311.0 | 2.1 | 1.6 | -1.4 | 311.8 | 326.5 | 5.0 | 59.9 | 4.0 | 353. |
| 12.5 | 42.1 | 3737.1 | 650.0 | 3.0 | -3.0 | 290.6 | 4.1 | 3.8 | -1.4 | 312.9 | 325.4 | 4.2 | 64.7 | 3.9 | 357. |
| 13.0 | 44.9 | 4053.6 | 625.0 | 0.4 | -5.1 | 283.2 | 6.1 | 6.0 | -1.4 | 312.9 | 325.4 | 4.5 | 85.5 | 3.9 | 4. |
| 14.1 | 47.9 | 4379.7 | 600.0 | -2.7 | -6.8 | 275.4 | 7.9 | 7.9 | -0.7 | 313.0 | 326.3 | 4.2 | 96.1 | 3.9 | 13. |
| 15.7 | 50.8 | 4715.8 | 575.0 | -5.7 | -8.3 | 272.4 | 11.0 | 11.0 | -0.5 | 313.3 | 325.7 | 4.2 | 96.1 | 4.2 | 25. |
| 16.4 | 51.9 | 5061.0 | 550.0 | -8.4 | -11.2 | 274.5 | 14.0 | 14.0 | -1.1 | 314.1 | 323.1 | 3.0 | 80.4 | 4.2 | 25. |
| 17.4 | 56.9 | 5322.1 | 525.0 | -11.8 | -12.0 | 280.8 | 13.9 | 13.6 | -2.6 | 314.3 | 321.2 | 2.9 | 97.9 | 4.6 | 39. |
| 18.4 | 60.9 | 5794.5 | 500.0 | -12.7 | -17.4 | 283.7 | 12.1 | 11.7 | -2.9 | 317.5 | 318.6 | 0.3 | 10.5 | 5.1 | 48. |
| 20.1 | 63.1 | 6193.6 | 475.0 | -15.7 | -20.1 | 283.4 | 11.7 | 11.4 | -2.7 | 318.6 | 319.5 | 0.2 | 10.1 | 5.6 | 56. |
| 21.4 | 66.5 | 6593.3 | 450.0 | -19.6 | -22.8 | 281.5 | 14.4 | 14.1 | -2.9 | 319.9 | 321.7 | 0.5 | 27.5 | 6.3 | 62. |
| 22.4 | 69.9 | 7013.0 | 425.0 | -21.2 | -23.7 | 272.5 | 16.2 | 16.2 | -0.7 | 321.8 | 322.5 | 0.2 | 11.4 | 7.5 | 69. |
| 24.3 | 73.4 | 7459.2 | 400.0 | -23.9 | -25.2 | 255.6 | 17.3 | 16.7 | 4.3 | 323.9 | 324.0 | 0.0 | 1.0 | 8.9 | 71. |
| 25.7 | 77.0 | 7955.4 | 375.0 | -29.1 | -29.9 | 249.5 | 17.2 | 16.1 | 6.0 | 324.4 | 324.3 | 0.0 | 3.8 | 10.3 | 71. |
| 27.7 | 80.8 | 8315.9 | 350.0 | -33.0 | -32.4 | 248.7 | 17.9 | 16.7 | 6.5 | 324.2 | 324.3 | 0.0 | 11.8 | 13.9 | 79. |
| 29.7 | 84.7 | 8712.0 | 325.0 | -37.8 | -36.6 | 245.2 | 18.5 | 16.8 | 7.7 | 324.6 | 324.8 | 0.1 | 11.8 | 16.2 | 89. |
| 31.0 | 89.9 | 9111.7 | 300.0 | -40.4 | -39.9 | 238.9 | 20.7 | 17.8 | 10.7 | 328.4 | 328.4 | 0.9 | 99.9 | 18.4 | 68. |
| 32.7 | 93.0 | 10050.2 | 275.0 | -44.6 | -39.9 | 238.9 | 23.3 | 20.0 | 12.1 | 330.6 | 328.4 | 0.9 | 99.9 | 21.6 | 69. |
| 35.0 | 97.5 | 10499.8 | 250.0 | -49.8 | -39.9 | 238.1 | 24.2 | 20.6 | 12.8 | 332.1 | 328.4 | 0.9 | 99.9 | 25.1 | 65. |
| 37.4 | 102.4 | 11390.7 | 225.0 | -54.9 | -39.9 | 237.0 | 22.7 | 19.2 | 12.1 | 336.3 | 328.4 | 0.9 | 99.9 | 28.6 | 64. |
| 40.3 | 107.4 | 12133.7 | 200.0 | -55.9 | -39.9 | 231.7 | 16.9 | 13.2 | 10.4 | 344.2 | 328.4 | 0.9 | 99.9 | 31.1 | 63. |
| 43.2 | 111.0 | 12773.8 | 175.0 | -67.0 | -39.9 | 236.8 | 19.2 | 16.1 | 10.5 | 351.0 | 328.4 | 0.9 | 99.9 | 36.0 | 64. |
| 46.7 | 119.0 | 13336.2 | 150.0 | -57.1 | -39.9 | 254.8 | 24.8 | 23.9 | 6.5 | 361.3 | 328.4 | 0.9 | 99.9 | 42.3 | 65. |
| 50.7 | 125.5 | 15373.1 | 125.0 | -62.4 | -39.9 | 254.0 | 26.2 | 25.2 | 7.2 | 362.0 | 328.4 | 0.9 | 99.9 | 49.2 | 67. |
| 55.4 | 133.0 | 16434.5 | 100.0 | -65.1 | -39.9 | 260.2 | 19.4 | 19.1 | 3.3 | 401.9 | 328.4 | 0.9 | 99.9 | 54.3 | 69. |
| 61.2 | 141.3 | 15154.1 | 75.0 | -70.9 | -39.9 | 260.9 | 14.5 | 14.3 | 2.3 | 424.4 | 328.4 | 0.9 | 99.9 | 58.1 | 71. |
| 69.2 | 151.0 | 20594.8 | 50.0 | -62.9 | -39.9 | 258.2 | 5.6 | 5.5 | 1.1 | 495.4 | 328.4 | 0.9 | 99.9 | 57.2 | 73. |
| 81.7 | 161.3 | 25026.2 | 25.0 | -46.8 | -39.9 | 999.9 | 99.9 | 99.9 | 99.9 | 650.6 | 328.4 | 0.9 | 99.9 | 57.2 | 73. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 261
DEL RIO, TEXAS20 APRIL 1977
1105 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES HG | TEMP DG C | DELT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO CM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|--------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 9.2 | 314.0 | 974.6 | 18.7 | 16.3 | 120.0 | 2.1 | -1.8 | 1.0 | 293.6 | 324.9 | 12.1 | 88.0 | 0.0 | 0. |
| 0.0 | 93.7 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 0.0 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 0.7 | 10.5 | 533.6 | 950.0 | 19.6 | 17.2 | 147.7 | 10.6 | -5.7 | 8.9 | 296.1 | 330.8 | 13.3 | 91.6 | 0.2 | 317. |
| 1.5 | 12.9 | 764.4 | 925.0 | 19.4 | 18.5 | 154.4 | 11.3 | -4.9 | 10.2 | 297.2 | 337.8 | 14.6 | 94.2 | 0.8 | 327. |
| 2.6 | 15.2 | 1000.4 | 900.0 | 17.2 | 16.5 | 155.4 | 11.8 | -4.9 | 10.7 | 299.2 | 344.4 | 13.3 | 95.5 | 1.5 | 331. |
| 3.3 | 17.5 | 1241.3 | 875.0 | 16.0 | 15.2 | 153.7 | 12.1 | -5.3 | 10.8 | 300.4 | 354.0 | 12.6 | 95.4 | 2.0 | 332. |
| 4.2 | 19.0 | 1437.9 | 850.0 | 14.6 | 13.1 | 154.2 | 10.1 | -4.4 | 9.1 | 301.4 | 361.7 | 11.2 | 90.7 | 2.6 | 332. |
| 5.3 | 22.4 | 1741.1 | 825.0 | 14.3 | 10.2 | 155.9 | 7.5 | -3.0 | 6.8 | 303.7 | 369.8 | 9.5 | 76.2 | 3.0 | 333. |
| 6.0 | 24.9 | 2000.7 | 800.0 | 12.6 | 7.7 | 166.6 | 6.0 | -1.4 | 5.8 | 304.6 | 377.6 | 8.3 | 71.7 | 3.4 | 333. |
| 6.9 | 27.4 | 2267.7 | 775.0 | 13.0 | -1.9 | 195.9 | 3.2 | 0.9 | 3.1 | 307.8 | 380.3 | 4.3 | 35.7 | 3.6 | 335. |
| 7.9 | 29.4 | 2542.8 | 750.0 | 11.9 | -2.9 | 205.8 | 2.8 | 1.2 | 2.5 | 309.5 | 381.6 | 4.1 | 35.3 | 3.8 | 336. |
| 9.3 | 32.6 | 2155.5 | 725.0 | 9.7 | -2.4 | 221.4 | 2.5 | 1.7 | 1.9 | 310.1 | 383.1 | 4.4 | 42.8 | 3.4 | 335. |
| 9.9 | 35.2 | 3116.1 | 700.0 | 7.6 | -2.8 | 221.2 | 2.9 | 1.9 | 2.2 | 311.0 | 384.1 | 4.5 | 47.5 | 3.9 | 341. |
| 11.0 | 37.9 | 3414.5 | 675.0 | 5.0 | -1.9 | 234.3 | 2.9 | 2.3 | 1.6 | 311.2 | 383.8 | 4.3 | 52.6 | 4.0 | 343. |
| 12.1 | 40.7 | 3721.1 | 650.0 | 2.3 | -5.9 | 250.1 | 3.9 | 3.7 | 1.3 | 311.6 | 382.9 | 3.8 | 54.3 | 4.0 | 356. |
| 13.2 | 43.4 | 4035.8 | 625.0 | -0.4 | -6.3 | 267.9 | 5.7 | 5.7 | 0.2 | 311.9 | 383.4 | 3.8 | 64.5 | 4.0 | 357. |
| 14.3 | 46.3 | 4361.6 | 600.0 | -1.4 | -6.3 | 275.2 | 4.2 | 8.2 | -0.8 | 312.1 | 374.0 | 4.0 | 60.6 | 3.9 | 357. |
| 15.6 | 49.2 | 4696.5 | 575.0 | -6.4 | -9.8 | 291.6 | 10.8 | 10.5 | -2.2 | 312.5 | 382.1 | 3.2 | 77.1 | 3.9 | 3. |
| 16.6 | 52.1 | 5042.3 | 550.0 | -7.5 | -13.9 | 290.2 | 10.9 | 10.2 | -3.7 | 312.8 | 380.1 | 2.4 | 70.2 | 3.8 | 19. |
| 17.3 | 55.3 | 5400.8 | 525.0 | -10.1 | -24.7 | 269.8 | 9.1 | 8.6 | -3.1 | 316.2 | 380.2 | 1.2 | 36.9 | 3.9 | 33. |
| 19.1 | 59.4 | 5775.2 | 500.0 | -12.9 | -34.2 | 286.1 | 9.4 | 9.1 | -2.6 | 317.3 | 318.8 | 0.4 | 15.0 | 6.1 | 33. |
| 20.3 | 61.5 | 6113.5 | 475.0 | -16.5 | -27.8 | 290.2 | 9.8 | 9.2 | -3.4 | 317.5 | 320.2 | 0.8 | 37.0 | 4.4 | 48. |
| 21.7 | 64.9 | 6567.0 | 450.0 | -20.3 | -25.5 | 292.2 | 9.6 | 8.9 | -3.6 | 317.7 | 321.2 | 1.1 | 63.3 | 4.4 | 56. |
| 23.2 | 68.1 | 6997.3 | 425.0 | -24.2 | -24.3 | 282.1 | 10.1 | 9.9 | -2.1 | 318.0 | 322.1 | 1.2 | 98.7 | 5.3 | 61. |
| 24.5 | 71.6 | 7426.3 | 400.0 | -27.6 | -38.1 | 268.5 | 12.3 | 12.3 | 0.3 | 319.2 | 320.6 | 0.4 | 40.0 | 6.1 | 69. |
| 26.0 | 75.1 | 7730.1 | 375.0 | -29.4 | -50.7 | 254.4 | 14.7 | 14.2 | 5.7 | 322.7 | 323.1 | 0.1 | 10.5 | 7.3 | 73. |
| 27.8 | 79.0 | 8177.6 | 350.0 | -34.3 | -51.3 | 248.6 | 15.7 | 14.6 | 5.7 | 322.6 | 322.9 | 0.1 | 15.8 | 6.9 | 70. |
| 29.4 | 82.9 | 8431.2 | 325.0 | -37.0 | -51.0 | 248.3 | 16.0 | 14.8 | 5.9 | 322.9 | 323.3 | 0.1 | 28.5 | 10.4 | 70. |
| 31.1 | 86.1 | 8736.7 | 300.0 | -42.1 | 99.9 | 248.6 | 19.1 | 17.8 | 7.0 | 326.0 | 999.9 | 99.9 | 99.9 | 12.2 | 63. |
| 33.1 | 91.2 | 10207.0 | 275.0 | -46.5 | 99.9 | 251.6 | 20.4 | 19.4 | 6.4 | 327.9 | 999.9 | 99.9 | 99.9 | 14.6 | 69. |
| 35.2 | 95.7 | 10546.1 | 250.0 | -51.6 | 99.9 | 257.6 | 21.1 | 20.6 | 4.5 | 329.4 | 999.9 | 99.9 | 99.9 | 17.2 | 71. |
| 37.7 | 100.6 | 11172.3 | 225.0 | -56.2 | 99.9 | 261.4 | 21.9 | 21.6 | 3.3 | 332.4 | 999.9 | 99.9 | 99.9 | 20.4 | 72. |
| 40.2 | 105.6 | 12059.6 | 200.0 | -56.4 | 99.9 | 260.6 | 20.2 | 19.9 | 3.3 | 343.5 | 999.9 | 99.9 | 99.9 | 23.5 | 73. |
| 43.1 | 111.3 | 12713.2 | 175.0 | -59.0 | 99.9 | 253.0 | 21.6 | 20.7 | 6.3 | 354.2 | 999.9 | 99.9 | 99.9 | 27.2 | 74. |
| 46.4 | 117.3 | 13449.3 | 150.0 | -57.3 | 99.9 | 261.0 | 20.6 | 20.3 | 3.2 | 371.4 | 999.9 | 99.9 | 99.9 | 31.3 | 74. |
| 50.0 | 124.3 | 15319.4 | 125.0 | -55.2 | 99.9 | 261.7 | 22.6 | 22.3 | 3.5 | 376.9 | 999.9 | 99.9 | 99.9 | 35.6 | 75. |
| 54.6 | 132.0 | 16362.5 | 100.0 | -73.1 | 99.9 | 261.7 | 26.4 | 26.1 | 3.8 | 392.4 | 999.9 | 99.9 | 99.9 | 42.6 | 76. |
| 58.3 | 141.0 | 18399.4 | 75.0 | -67.8 | 99.9 | 289.7 | 12.9 | 12.2 | -4.4 | 430.7 | 999.9 | 99.9 | 99.9 | 49.2 | 78. |
| 67.7 | 151.3 | 20542.5 | 50.0 | -63.5 | 99.9 | 323.8 | 4.6 | 2.7 | -3.7 | 494.0 | 999.9 | 99.9 | 99.9 | 50.8 | 80. |
| 80.7 | 162.5 | 24742.1 | 25.0 | -48.5 | 99.9 | 16.9 | 2.7 | -0.8 | 2.6 | 645.5 | 999.9 | 99.9 | 99.9 | 50.2 | 82. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265
 MIDLAND, TEXAS

 19 APRIL 1979
 1147 GMT

| TIME MIN | CNCT | HEIGHS GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|------|---------------|------------|--------------|----------------|-----------|----------------|---------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 14.7 | 973.0 | 912.3 | 18.9 | 14.4 | 160.0 | 10.3 | -3.5 | 9.7 | 299.8 | 330.3 | 11.4 | 75.0 | 0.0 | 0. |
| 3.0 | 99.0 | 1000.0 | 912.3 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 6.0 | 99.0 | 975.0 | 912.3 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 9.0 | 99.0 | 950.0 | 912.3 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 12.0 | 99.0 | 925.0 | 912.3 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 15.0 | 99.0 | 900.0 | 912.3 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 18.0 | 99.0 | 875.0 | 912.3 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 21.0 | 99.0 | 850.0 | 912.3 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 24.0 | 99.0 | 825.0 | 912.3 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 27.0 | 99.0 | 800.0 | 912.3 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 30.0 | 99.0 | 775.0 | 912.3 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 33.0 | 99.0 | 750.0 | 912.3 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 36.0 | 99.0 | 725.0 | 912.3 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 39.0 | 99.0 | 700.0 | 912.3 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 42.0 | 99.0 | 675.0 | 912.3 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 45.0 | 99.0 | 650.0 | 912.3 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 48.0 | 99.0 | 625.0 | 912.3 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 51.0 | 99.0 | 600.0 | 912.3 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 54.0 | 99.0 | 575.0 | 912.3 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 57.0 | 99.0 | 550.0 | 912.3 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 60.0 | 99.0 | 525.0 | 912.3 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 63.0 | 99.0 | 500.0 | 912.3 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 66.0 | 99.0 | 475.0 | 912.3 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 69.0 | 99.0 | 450.0 | 912.3 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 72.0 | 99.0 | 425.0 | 912.3 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 75.0 | 99.0 | 400.0 | 912.3 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 78.0 | 99.0 | 375.0 | 912.3 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 81.0 | 99.0 | 350.0 | 912.3 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 84.0 | 99.0 | 325.0 | 912.3 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 87.0 | 99.0 | 300.0 | 912.3 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 90.0 | 99.0 | 275.0 | 912.3 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 93.0 | 99.0 | 250.0 | 912.3 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 96.0 | 99.0 | 225.0 | 912.3 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 99.0 | 99.0 | 200.0 | 912.3 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 102.0 | 99.0 | 175.0 | 912.3 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 105.0 | 99.0 | 150.0 | 912.3 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 108.0 | 99.0 | 125.0 | 912.3 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 111.0 | 99.0 | 100.0 | 912.3 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 114.0 | 99.0 | 75.0 | 912.3 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 117.0 | 99.0 | 50.0 | 912.3 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 120.0 | 99.0 | 25.0 | 912.3 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 123.0 | 99.0 | 0.0 | 912.3 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 126.0 | 99.0 | 99.0 | 912.3 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 129.0 | 99.0 | 99.0 | 912.3 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 132.0 | 99.0 | 99.0 | 912.3 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 135.0 | 99.0 | 99.0 | 912.3 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 138.0 | 99.0 | 99.0 | 912.3 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 141.0 | 99.0 | 99.0 | 912.3 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 144.0 | 99.0 | 99.0 | 912.3 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 147.0 | 99.0 | 99.0 | 912.3 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 150.0 | 99.0 | 99.0 | 912.3 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 153.0 | 99.0 | 99.0 | 912.3 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 156.0 | 99.0 | 99.0 | 912.3 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 159.0 | 99.0 | 99.0 | 912.3 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 162.0 | 99.0 | 99.0 | 912.3 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 165.0 | 99.0 | 99.0 | 912.3 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |

 9 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 9 BY TEMP MEANS TEMPERATURE AT TIME HAVE BEEN INTERPOLATED
 99 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265
MIDLAND, TEXAS

19 APRIL 1979
1559 GMT

113 92. 0

| TIME MIN | CNTCT | HEIGHT GDM | PRES MB | TEMP DG C | DEV PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POI T DG K | E POI T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 13.8 | 973.0 | 914.0 | 22.2 | 15.5 | 200.0 | 10.3 | 3.5 | 9.7 | 303.1 | 336.2 | 12.3 | 65.0 | 0.0 | 0. |
| 00.0 | 90.9 | 973.0 | 1000.0 | 20.9 | 90.9 | 90.9 | 99.9 | 99.9 | 99.9 | 99.9 | 990.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.0 | 90.9 | 973.0 | 975.0 | 20.9 | 90.9 | 90.9 | 99.9 | 99.9 | 99.9 | 99.9 | 990.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.0 | 90.9 | 973.0 | 950.0 | 20.9 | 90.9 | 90.9 | 99.9 | 99.9 | 99.9 | 99.9 | 990.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.0 | 90.9 | 973.0 | 925.0 | 20.9 | 90.9 | 90.9 | 99.9 | 99.9 | 99.9 | 99.9 | 990.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.0 | 90.9 | 973.0 | 900.0 | 20.7 | 14.0 | 211.5 | 10.7 | 8.7 | 14.2 | 302.9 | 333.5 | 11.3 | 65.5 | 0.4 | 10. |
| 0.6 | 15.1 | 1077.3 | 875.0 | 19.4 | 12.5 | 208.8 | 13.7 | 6.6 | 12.0 | 302.9 | 331.4 | 10.5 | 68.5 | 1.2 | 23. |
| 1.4 | 17.3 | 1250.3 | 850.0 | 16.9 | 9.3 | 221.0 | 12.2 | 8.0 | 9.2 | 303.8 | 327.9 | 8.7 | 61.2 | 2.0 | 26. |
| 2.5 | 19.5 | 1408.5 | 825.0 | 16.9 | 1.6 | 245.3 | 7.5 | 6.8 | 3.1 | 306.5 | 321.5 | 5.2 | 35.6 | 2.5 | 32. |
| 3.5 | 21.9 | 1753.2 | 800.0 | 15.4 | -2.9 | 270.5 | 6.7 | 6.7 | -3.1 | 307.5 | 318.9 | 3.9 | 28.3 | 2.7 | 37. |
| 4.4 | 24.3 | 2014.8 | 775.0 | 15.4 | -9.7 | 285.9 | 7.6 | 7.3 | -2.1 | 308.8 | 316.0 | 2.4 | 18.5 | 3.0 | 45. |
| 5.4 | 26.5 | 2292.9 | 750.0 | 12.4 | -5.8 | 299.3 | 7.2 | 7.2 | 0.1 | 307.9 | 317.7 | 3.3 | 31.2 | 3.2 | 51. |
| 6.3 | 29.0 | 2557.6 | 725.0 | 9.0 | -2.4 | 282.1 | 7.6 | 7.0 | 2.9 | 309.8 | 322.9 | 4.5 | 51.8 | 3.9 | 55. |
| 7.2 | 31.5 | 2839.7 | 700.0 | 6.6 | -2.6 | 274.4 | 7.6 | 7.0 | 2.4 | 309.9 | 323.0 | 4.4 | 59.5 | 4.4 | 57. |
| 8.1 | 33.9 | 3129.2 | 675.0 | 3.9 | -3.4 | 249.0 | 6.6 | 6.5 | 3.2 | 309.7 | 323.0 | 4.6 | 73.7 | 4.8 | 58. |
| 9.2 | 36.4 | 3426.5 | 650.0 | 0.6 | -3.5 | 244.0 | 7.3 | 6.1 | 4.4 | 310.7 | 325.6 | 5.1 | 92.9 | 5.3 | 58. |
| 10.2 | 39.0 | 3731.6 | 625.0 | -1.6 | -2.6 | 236.8 | 8.1 | 6.9 | 6.3 | 312.1 | 325.1 | 4.4 | 88.9 | 5.8 | 57. |
| 11.2 | 41.6 | 4045.9 | 600.0 | -3.5 | -5.1 | 223.2 | 8.6 | 5.9 | 6.0 | 313.5 | 326.1 | 4.2 | 96.1 | 6.4 | 56. |
| 12.3 | 44.2 | 4372.2 | 575.0 | -5.6 | -6.1 | 212.6 | 7.2 | 3.9 | 5.5 | 314.8 | 325.9 | 3.7 | 94.8 | 6.7 | 54. |
| 13.4 | 47.0 | 4705.8 | 550.0 | -7.8 | -8.5 | 201.0 | 5.9 | 2.1 | 6.0 | 316.2 | 325.6 | 3.0 | 93.3 | 7.1 | 52. |
| 14.6 | 49.9 | 5031.6 | 525.0 | -10.2 | -11.4 | 199.8 | 6.3 | 2.2 | 7.3 | 317.9 | 326.2 | 2.7 | 90.7 | 8.1 | 47. |
| 15.8 | 52.6 | 5314.4 | 500.0 | -12.4 | -13.7 | 190.4 | 7.8 | 2.7 | 9.0 | 319.5 | 326.9 | 1.9 | 86.7 | 9.4 | 43. |
| 17.0 | 55.5 | 5599.3 | 475.0 | -15.0 | -16.3 | 199.1 | 9.6 | 3.1 | 8.0 | 320.8 | 326.9 | 1.9 | 86.7 | 9.4 | 43. |
| 18.3 | 58.4 | 5877.1 | 450.0 | -17.8 | -19.0 | 196.8 | 8.3 | 2.4 | 8.5 | 322.3 | 327.1 | 1.0 | 75.5 | 10.2 | 43. |
| 19.5 | 61.4 | 6162.4 | 425.0 | -20.8 | -22.5 | 206.9 | 9.5 | 4.3 | 8.0 | 324.9 | 327.4 | 0.7 | 69.3 | 11.2 | 42. |
| 21.7 | 64.6 | 6457.1 | 400.0 | -24.0 | -27.1 | 211.6 | 10.1 | 6.1 | 9.2 | 326.1 | 328.0 | 0.5 | 70.2 | 12.5 | 42. |
| 22.4 | 67.9 | 6745.1 | 375.0 | -27.7 | -31.6 | 218.3 | 12.5 | 7.8 | 10.9 | 327.3 | 329.6 | 0.4 | 68.8 | 13.7 | 41. |
| 24.0 | 71.1 | 7025.7 | 350.0 | -31.6 | -35.2 | 214.9 | 11.2 | 6.4 | 10.7 | 328.2 | 329.9 | 0.4 | 68.8 | 13.7 | 41. |
| 25.6 | 74.4 | 7312.4 | 325.0 | -35.8 | -39.5 | 210.2 | 12.6 | 6.3 | 10.7 | 328.2 | 329.9 | 0.4 | 68.8 | 13.7 | 41. |
| 27.4 | 78.1 | 7597.5 | 300.0 | -40.6 | -43.9 | 214.7 | 13.0 | 7.4 | 10.7 | 328.2 | 329.9 | 0.4 | 68.8 | 13.7 | 41. |
| 29.2 | 82.0 | 7884.5 | 275.0 | -45.8 | -49.9 | 227.7 | 14.7 | 10.9 | 9.9 | 328.9 | 329.9 | 0.4 | 68.8 | 13.7 | 41. |
| 31.3 | 86.0 | 8171.7 | 250.0 | -51.4 | -55.4 | 231.8 | 18.7 | 14.7 | 11.6 | 329.6 | 329.9 | 0.4 | 68.8 | 13.7 | 41. |
| 33.5 | 90.0 | 8458.9 | 225.0 | -55.4 | -59.9 | 231.5 | 21.7 | 17.0 | 13.5 | 333.7 | 329.9 | 0.4 | 68.8 | 13.7 | 41. |
| 34.0 | 94.3 | 8745.9 | 200.0 | -59.9 | -64.9 | 237.9 | 24.1 | 20.4 | 12.8 | 338.0 | 329.9 | 0.4 | 68.8 | 13.7 | 41. |
| 36.8 | 99.0 | 9032.2 | 175.0 | -64.9 | -69.9 | 247.3 | 24.2 | 22.3 | 9.3 | 352.9 | 329.9 | 0.4 | 68.8 | 13.7 | 41. |
| 38.8 | 104.0 | 9319.2 | 150.0 | -69.9 | -74.9 | 252.6 | 25.1 | 24.0 | 7.5 | 367.3 | 329.9 | 0.4 | 68.8 | 13.7 | 41. |
| 41.7 | 109.5 | 9606.9 | 125.0 | -74.9 | -79.9 | 258.2 | 24.7 | 23.8 | 6.7 | 381.7 | 329.9 | 0.4 | 68.8 | 13.7 | 41. |
| 44.9 | 115.5 | 9894.9 | 100.0 | -79.9 | -84.9 | 264.9 | 24.7 | 23.8 | 6.7 | 399.2 | 329.9 | 0.4 | 68.8 | 13.7 | 41. |
| 48.9 | 122.7 | 10182.8 | 75.0 | -84.9 | -89.9 | 270.9 | 24.7 | 23.8 | 6.7 | 417.7 | 329.9 | 0.4 | 68.8 | 13.7 | 41. |
| 53.9 | 129.7 | 10470.8 | 50.0 | -89.9 | -94.9 | 276.9 | 24.7 | 23.8 | 6.7 | 436.7 | 329.9 | 0.4 | 68.8 | 13.7 | 41. |
| 59.9 | 136.7 | 10758.8 | 25.0 | -94.9 | -99.9 | 282.9 | 24.7 | 23.8 | 6.7 | 455.7 | 329.9 | 0.4 | 68.8 | 13.7 | 41. |
| 66.9 | 143.7 | 11046.8 | 0.0 | -99.9 | -100.0 | 288.9 | 24.7 | 23.8 | 6.7 | 474.7 | 329.9 | 0.4 | 68.8 | 13.7 | 41. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265
MIDLAND, TEXAS

19 APRIL 1979
1730 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES IN | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED K/SEC | J COMP M/SEC | V COMP M/SEC | POT T DEG K | E POT T DEG K | MX RTO GPM/KG | RH PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|------------------|-----------|-------------|-----------|
| 0.7 | 13.9 | 873.0 | 914.3 | 23.3 | 14.0 | 180.0 | 7.2 | 0.0 | 7.2 | 304.2 | 334.5 | 11.1 | 56.0 | 0.0 | 0. |
| 09.7 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 09.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 09.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 09.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 9.5 | 15.3 | 1010.6 | 909.0 | 22.5 | 12.3 | 215.5 | 4.3 | 5.4 | 7.6 | 304.7 | 332.3 | 10.0 | 52.2 | 0.3 | 6. |
| 1.3 | 17.5 | 1255.1 | 875.0 | 20.2 | 10.9 | 223.0 | 8.2 | 5.6 | 6.0 | 304.7 | 330.7 | 9.4 | 55.1 | 0.7 | 24. |
| 2.3 | 19.4 | 1504.5 | 850.0 | 19.7 | -1.4 | 255.8 | 7.3 | 7.1 | 1.8 | 306.8 | 318.9 | 4.1 | 24.5 | 1.0 | 37. |
| 3.2 | 22.1 | 1760.5 | 825.0 | 19.2 | -7.2 | 258.3 | 8.7 | 8.5 | 1.8 | 307.8 | 315.9 | 2.7 | 17.1 | 1.4 | 53. |
| 4.1 | 24.5 | 2022.6 | 800.0 | 15.5 | -7.2 | 259.2 | 8.7 | 8.6 | 1.6 | 307.7 | 316.0 | 2.8 | 23.1 | 1.8 | 57. |
| 5.4 | 26.4 | 2290.1 | 775.0 | 12.3 | -3.1 | 261.7 | 8.0 | 8.0 | 1.2 | 307.0 | 318.6 | 4.0 | 34.6 | 2.4 | 63. |
| 6.5 | 29.2 | 2563.7 | 750.0 | 9.9 | -3.6 | 269.5 | 9.3 | 9.3 | 0.1 | 307.4 | 318.9 | 3.9 | 38.3 | 3.0 | 67. |
| 9.1 | 31.7 | 2844.0 | 725.0 | 7.1 | -2.6 | 257.0 | 7.4 | 7.2 | 1.7 | 307.3 | 320.0 | 4.4 | 50.2 | 3.7 | 72. |
| 9.7 | 34.7 | 3171.4 | 700.0 | 4.4 | -3.1 | 250.0 | 6.0 | 5.6 | 2.0 | 307.4 | 320.1 | 4.4 | 58.0 | 4.4 | 71. |
| 11.2 | 36.7 | 3426.6 | 675.0 | 2.1 | -3.3 | 249.5 | 5.1 | 4.7 | 1.9 | 309.0 | 321.0 | 4.5 | 67.6 | 4.8 | 71. |
| 12.5 | 39.3 | 3730.2 | 650.0 | -0.6 | -4.0 | 244.4 | 5.0 | 4.5 | 2.2 | 308.3 | 321.1 | 4.4 | 77.9 | 5.2 | 71. |
| 14.6 | 41.3 | 4043.2 | 625.0 | -2.3 | -3.0 | 236.2 | 7.1 | 6.1 | 3.6 | 309.8 | 324.2 | 4.9 | 95.5 | 5.6 | 70. |
| 15.0 | 44.6 | 4366.9 | 600.0 | -4.1 | -4.4 | 229.0 | 8.5 | 6.5 | 5.6 | 311.4 | 325.1 | 4.6 | 97.7 | 6.2 | 69. |
| 16.4 | 47.3 | 4703.0 | 575.0 | -6.7 | -6.3 | 232.1 | 9.9 | 7.8 | 6.1 | 314.5 | 327.0 | 4.2 | 88.1 | 7.0 | 66. |
| 17.6 | 50.1 | 5051.9 | 550.0 | -6.8 | -8.9 | 227.4 | 10.8 | 7.9 | 7.3 | 316.0 | 326.8 | 3.5 | 84.7 | 7.7 | 65. |
| 19.4 | 53.0 | 5413.5 | 525.0 | -9.5 | -11.0 | 224.0 | 10.4 | 7.3 | 7.5 | 317.0 | 326.7 | 3.1 | 88.5 | 8.4 | 63. |
| 21.1 | 55.9 | 5789.3 | 500.0 | -12.1 | -13.5 | 221.7 | 8.1 | 5.4 | 6.1 | 318.3 | 326.8 | 2.7 | 89.2 | 9.1 | 62. |
| 21.4 | 58.9 | 6180.0 | 475.0 | -14.8 | -15.6 | 222.6 | 8.0 | 5.4 | 5.9 | 319.7 | 327.2 | 2.4 | 93.1 | 9.7 | 63. |
| 22.4 | 62.0 | 6537.4 | 450.0 | -17.5 | -19.4 | 222.1 | 7.2 | 4.8 | 5.4 | 321.3 | 327.2 | 1.8 | 84.9 | 10.3 | 59. |
| 24.4 | 65.1 | 7013.7 | 425.0 | -20.3 | -23.0 | 224.2 | 7.2 | 5.0 | 5.2 | 323.0 | 327.6 | 1.4 | 78.8 | 10.9 | 58. |
| 25.0 | 69.4 | 7466.6 | 400.0 | -23.4 | -26.9 | 216.2 | 8.5 | 5.0 | 6.9 | 324.6 | 328.2 | 1.1 | 73.4 | 11.6 | 57. |
| 27.7 | 71.7 | 7979.4 | 375.0 | -27.1 | -30.7 | 213.4 | 10.1 | 5.5 | 8.4 | 325.7 | 328.4 | 0.8 | 71.2 | 12.5 | 55. |
| 29.5 | 75.1 | 8422.4 | 350.0 | -31.4 | -36.1 | 217.8 | 11.3 | 6.9 | 8.9 | 326.4 | 328.2 | 0.5 | 62.8 | 13.6 | 54. |
| 31.5 | 78.8 | 8942.6 | 325.0 | -35.6 | -41.4 | 210.8 | 11.6 | 6.0 | 10.0 | 327.7 | 328.8 | 0.3 | 55.3 | 14.9 | 52. |
| 33.4 | 82.6 | 9494.7 | 300.0 | -40.2 | -46.9 | 217.2 | 13.8 | 8.4 | 11.0 | 328.8 | 329.9 | 99.9 | 999.9 | 14.2 | 50. |
| 35.7 | 86.4 | 10392.3 | 275.0 | -45.1 | -50.9 | 225.5 | 15.4 | 11.0 | 10.8 | 330.0 | 329.9 | 99.9 | 999.9 | 18.2 | 49. |
| 38.1 | 90.6 | 10932.3 | 250.0 | -50.6 | -56.6 | 229.2 | 16.0 | 12.1 | 10.5 | 330.8 | 329.9 | 99.9 | 999.9 | 20.4 | 49. |
| 40.7 | 95.0 | 11390.8 | 225.0 | -54.0 | -60.9 | 235.6 | 20.3 | 16.8 | 11.5 | 335.8 | 329.9 | 99.9 | 999.9 | 23.3 | 50. |
| 43.5 | 99.4 | 12139.6 | 200.0 | -58.6 | -65.9 | 237.6 | 21.7 | 18.3 | 11.6 | 340.0 | 329.9 | 99.9 | 999.9 | 27.0 | 51. |
| 46.5 | 104.8 | 12976.4 | 175.0 | -59.6 | -69.9 | 244.2 | 24.9 | 22.4 | 10.8 | 351.6 | 329.9 | 99.9 | 999.9 | 31.3 | 52. |
| 50.5 | 110.3 | 13742.6 | 150.0 | -59.0 | -69.9 | 252.5 | 23.4 | 22.3 | 7.0 | 368.5 | 329.9 | 99.9 | 999.9 | 36.6 | 55. |
| 55.2 | 116.5 | 15081.2 | 125.0 | -61.1 | -69.9 | 253.4 | 24.5 | 23.4 | 7.0 | 384.4 | 329.9 | 99.9 | 999.9 | 43.4 | 57. |
| 60.3 | 123.3 | 16457.4 | 100.0 | -64.5 | -69.9 | 252.2 | 21.2 | 20.2 | 6.5 | 403.2 | 329.9 | 99.9 | 999.9 | 53.3 | 59. |
| 68.9 | 131.7 | 19199.7 | 75.0 | -66.2 | -69.9 | 271.8 | 12.6 | 12.6 | -0.4 | 434.1 | 329.9 | 99.9 | 999.9 | 56.6 | 62. |
| 74.7 | 141.7 | 20588.1 | 50.0 | -58.1 | -69.9 | 286.3 | 5.6 | 5.3 | -1.6 | 506.7 | 329.9 | 99.9 | 999.9 | 59.1 | 64. |
| 91.2 | 154.0 | 25159.3 | 25.0 | -48.9 | -69.9 | 236.1 | 3.8 | 3.1 | 2.1 | 644.1 | 329.9 | 99.9 | 999.9 | 60.0 | 66. |

• BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
• BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
• BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265
MIDLAND, TEXAS19 APRIL 1979
2005 GMT

| TIME MIN | CNTCT | HEIGHT GPR | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DC K | E POT T DC K | MX RTO CM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 15.1 | 873.0 | 913.3 | 26.7 | 11.6 | 210.0 | 6.7 | 3.3 | 5.8 | 307.7 | 334.2 | 9.5 | 39.0 | 0.0 | 0.0 |
| 0.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 1.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 2.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 3.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 4.5 | 16.4 | 1002.2 | 900.0 | 24.9 | 10.4 | 218.8 | 5.7 | 3.6 | 4.4 | 307.2 | 331.9 | 8.9 | 40.1 | 0.2 | 35.0 |
| 1.2 | 18.8 | 1248.4 | 875.0 | 22.2 | 9.2 | 215.8 | 5.7 | 3.3 | 4.6 | 306.9 | 330.4 | 8.4 | 43.5 | 0.4 | 37.0 |
| 1.9 | 21.3 | 1499.5 | 850.0 | 19.9 | 9.1 | 209.7 | 5.7 | 2.8 | 4.9 | 307.0 | 331.0 | 8.6 | 49.9 | 0.6 | 36.0 |
| 2.5 | 23.8 | 1756.0 | 825.0 | 17.5 | 7.1 | 213.9 | 6.0 | 3.4 | 5.0 | 307.1 | 328.9 | 7.7 | 50.5 | 0.8 | 33.0 |
| 3.4 | 26.3 | 2018.0 | 800.0 | 15.6 | -0.7 | 228.5 | 6.8 | 5.1 | 4.5 | 307.8 | 321.4 | 4.6 | 32.8 | 1.2 | 36.0 |
| 4.5 | 28.9 | 2235.9 | 775.0 | 13.0 | -4.9 | 241.4 | 7.4 | 6.5 | 3.5 | 307.8 | 318.0 | 3.4 | 28.4 | 1.6 | 42.0 |
| 5.5 | 31.0 | 2562.2 | 750.0 | 10.6 | -6.8 | 246.0 | 7.7 | 7.1 | 3.2 | 308.1 | 317.3 | 3.1 | 28.7 | 2.0 | 47.0 |
| 6.5 | 14.2 | 2441.3 | 725.0 | 8.3 | -5.7 | 252.1 | 8.1 | 7.7 | 2.5 | 308.5 | 318.7 | 3.4 | 36.4 | 2.5 | 51.0 |
| 7.5 | 36.9 | 3130.0 | 700.0 | 5.9 | -8.3 | 252.6 | 7.8 | 7.5 | 2.3 | 309.1 | 317.9 | 2.9 | 35.2 | 3.0 | 55.0 |
| 8.7 | 39.7 | 3427.1 | 675.0 | 4.2 | -5.4 | 248.3 | 9.3 | 8.7 | 3.4 | 310.4 | 321.6 | 3.8 | 49.7 | 3.5 | 57.0 |
| 9.5 | 42.5 | 3733.3 | 650.0 | 1.7 | -5.5 | 251.7 | 10.7 | 10.1 | 3.4 | 310.9 | 322.6 | 3.9 | 58.6 | 4.3 | 59.0 |
| 11.2 | 45.4 | 4749.2 | 625.0 | -0.8 | -11.6 | 255.8 | 11.9 | 11.6 | 2.9 | 311.5 | 319.4 | 2.6 | 46.9 | 5.1 | 62.0 |
| 12.4 | 49.1 | 4733.1 | 600.0 | -2.9 | -15.9 | 254.6 | 13.5 | 13.0 | 3.6 | 312.7 | 318.5 | 1.8 | 36.0 | 6.0 | 64.0 |
| 13.7 | 51.1 | 4708.4 | 575.0 | -5.5 | -13.5 | 256.2 | 13.4 | 13.0 | 3.2 | 313.6 | 320.9 | 2.3 | 52.9 | 7.0 | 65.0 |
| 15.0 | 54.4 | 5056.5 | 550.0 | -7.6 | -14.7 | 266.5 | 10.6 | 10.6 | 0.7 | 315.1 | 322.0 | 2.2 | 56.4 | 7.9 | 67.0 |
| 16.3 | 51.5 | 5417.1 | 525.0 | -9.8 | -11.1 | 259.5 | 8.9 | 8.7 | 1.6 | 316.7 | 326.3 | 3.1 | 90.4 | 8.6 | 69.0 |
| 17.4 | 60.9 | 5792.3 | 500.0 | -12.4 | -12.8 | 243.8 | 7.5 | 6.7 | 3.3 | 317.9 | 326.8 | 2.9 | 97.3 | 9.3 | 69.0 |
| 19.1 | 64.0 | 6192.9 | 475.0 | -14.7 | -15.9 | 246.2 | 8.3 | 7.6 | 3.3 | 319.7 | 327.1 | 2.3 | 91.0 | 9.9 | 69.0 |
| 20.4 | 67.4 | 6590.5 | 450.0 | -17.5 | -19.9 | 236.9 | 8.0 | 6.7 | 4.4 | 321.3 | 327.4 | 1.9 | 88.5 | 10.6 | 68.0 |
| 21.9 | 70.9 | 7015.3 | 425.0 | -20.8 | -22.6 | 229.4 | 8.2 | 6.2 | 5.3 | 322.3 | 327.1 | 1.5 | 85.4 | 11.3 | 67.0 |
| 23.5 | 74.4 | 7461.6 | 400.0 | -24.4 | -25.2 | 229.3 | 8.4 | 6.4 | 5.5 | 323.3 | 327.4 | 1.2 | 92.7 | 12.0 | 66.0 |
| 25.3 | 78.1 | 7929.0 | 375.0 | -27.9 | -28.9 | 229.9 | 9.8 | 7.5 | 6.3 | 324.6 | 327.8 | 0.9 | 91.1 | 12.9 | 65.0 |
| 27.1 | 82.0 | 8421.0 | 350.0 | -31.7 | -33.5 | 227.4 | 11.9 | 8.8 | 8.1 | 326.0 | 327.2 | 0.6 | 83.8 | 14.1 | 64.0 |
| 29.1 | 86.0 | 8740.3 | 325.0 | -35.8 | -40.8 | 232.6 | 13.9 | 11.1 | 8.5 | 327.3 | 328.5 | 0.3 | 59.6 | 15.6 | 62.0 |
| 31.2 | 90.2 | 9491.5 | 300.0 | -40.2 | 99.9 | 238.9 | 15.9 | 13.6 | 8.2 | 328.7 | 99.9 | 99.9 | 99.9 | 17.4 | 62.0 |
| 33.3 | 94.5 | 10378.1 | 275.0 | -45.9 | 99.9 | 233.4 | 17.1 | 13.8 | 10.2 | 328.8 | 99.9 | 99.9 | 99.9 | 19.5 | 61.0 |
| 35.6 | 99.2 | 10705.1 | 250.0 | -50.7 | 99.9 | 236.7 | 19.5 | 16.3 | 10.7 | 330.7 | 99.9 | 99.9 | 99.9 | 21.8 | 60.0 |
| 37.9 | 104.0 | 11196.3 | 225.0 | -54.4 | 99.9 | 243.2 | 22.3 | 19.9 | 10.1 | 335.2 | 99.9 | 99.9 | 99.9 | 24.9 | 61.0 |
| 40.7 | 109.3 | 12132.3 | 200.0 | -58.7 | 99.9 | 238.5 | 23.3 | 19.9 | 12.2 | 339.9 | 99.9 | 99.9 | 99.9 | 28.7 | 60.0 |
| 44.1 | 115.0 | 12973.8 | 175.0 | -59.0 | 99.9 | 249.1 | 22.0 | 20.5 | 7.9 | 354.2 | 99.9 | 99.9 | 99.9 | 33.4 | 61.0 |
| 47.7 | 121.0 | 13946.2 | 150.0 | -58.2 | 99.9 | 250.1 | 23.6 | 22.2 | 6.0 | 369.9 | 99.9 | 99.9 | 99.9 | 38.0 | 62.0 |
| 51.8 | 127.8 | 15086.1 | 125.0 | -61.9 | 99.9 | 251.0 | 23.5 | 22.2 | 7.6 | 382.8 | 99.9 | 99.9 | 99.9 | 44.8 | 63.0 |
| 57.1 | 135.3 | 16458.3 | 100.0 | -64.8 | 99.9 | 254.7 | 18.8 | 18.2 | 5.0 | 402.5 | 99.9 | 99.9 | 99.9 | 51.1 | 64.0 |
| 63.5 | 144.3 | 19207.1 | 75.0 | -65.1 | 99.9 | 275.8 | 9.9 | 9.9 | -1.0 | 436.5 | 99.9 | 99.9 | 99.9 | 58.1 | 66.0 |
| 72.1 | 154.5 | 23691.2 | 50.0 | -57.8 | 99.9 | 290.4 | 5.5 | 5.2 | -1.9 | 507.3 | 99.9 | 99.9 | 99.9 | 58.6 | 67.0 |
| 85.2 | 145.5 | 25175.2 | 25.0 | -47.5 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 648.4 | 999.9 | 99.9 | 999.9 | 68.2 | 70.0 |

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 °° 8° SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
 FOR QUALITY

STATION NO. 265
MIDLAND, TEXAS19 APRIL 1979
2303 GMT

| TIME MIN | CNTCT | WEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 15.2 | 873.0 | 910.6 | 27.8 | 7.6 | 180.0 | 5.1 | 0.0 | 5.1 | 309.1 | 329.8 | 7.2 | 28.0 | 0.0 | 0. |
| 00.9 | 00.9 | 90.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.9 | 00.9 | 00.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.9 | 00.9 | 00.9 | 953.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.9 | 00.9 | 00.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.9 | 00.9 | 00.9 | 900.0 | 26.8 | 8.3 | 213.5 | 7.2 | 4.0 | 6.0 | 309.1 | 331.0 | 7.7 | 31.1 | 0.1 | 35.3 |
| 04.4 | 16.2 | 976.6 | 900.0 | 26.8 | 8.3 | 213.5 | 7.2 | 4.0 | 6.0 | 309.1 | 331.0 | 7.7 | 31.1 | 0.1 | 35.3 |
| 1.1 | 18.7 | 1228.1 | 875.0 | 24.2 | 7.8 | 203.0 | 5.8 | 2.3 | 5.3 | 309.0 | 330.6 | 7.6 | 34.9 | 0.4 | 17. |
| 2.0 | 21.2 | 1476.8 | 850.0 | 21.8 | 8.1 | 188.5 | 5.1 | 0.8 | 5.1 | 309.0 | 331.8 | 8.0 | 41.4 | 0.6 | 16. |
| 2.8 | 23.7 | 1735.0 | 825.0 | 19.4 | 7.9 | 183.1 | 6.1 | 0.3 | 6.1 | 309.1 | 332.1 | 8.1 | 47.2 | 0.9 | 12. |
| 3.7 | 26.3 | 1998.7 | 800.0 | 16.5 | 7.1 | 187.2 | 6.7 | 0.8 | 6.6 | 308.7 | 331.2 | 8.0 | 53.9 | 1.2 | 10. |
| 4.7 | 28.9 | 2268.0 | 775.0 | 13.6 | 5.9 | 192.5 | 6.4 | 1.4 | 6.2 | 308.4 | 329.9 | 7.6 | 59.9 | 1.6 | 10. |
| 5.6 | 31.5 | 2543.7 | 750.0 | 11.1 | 5.8 | 189.9 | 6.0 | 1.0 | 5.9 | 308.6 | 330.6 | 7.8 | 70.0 | 2.0 | 10. |
| 6.6 | 34.2 | 2825.8 | 725.0 | 8.2 | 4.7 | 198.3 | 4.6 | 1.4 | 4.3 | 308.5 | 329.5 | 7.4 | 78.5 | 2.3 | 10. |
| 7.4 | 37.0 | 3113.1 | 700.0 | 6.0 | 3.7 | 221.4 | 6.6 | 4.4 | 5.0 | 309.1 | 329.6 | 7.2 | 85.4 | 2.6 | 12. |
| 8.5 | 39.9 | 3412.8 | 675.0 | 4.2 | -1.3 | 233.8 | 10.9 | 8.8 | 6.4 | 310.3 | 325.4 | 5.2 | 87.6 | 2.9 | 18. |
| 9.2 | 42.6 | 3719.1 | 650.0 | 1.6 | -2.5 | 239.5 | 12.6 | 10.9 | 6.4 | 310.6 | 325.1 | 4.9 | 74.1 | 3.4 | 23. |
| 10.1 | 45.4 | 4039.3 | 625.0 | -0.7 | -4.6 | 251.7 | 12.0 | 12.1 | 4.0 | 311.7 | 324.7 | 4.4 | 74.7 | 3.9 | 30. |
| 11.0 | 48.4 | 4359.4 | 600.0 | -3.2 | -4.1 | 264.5 | 14.4 | 14.4 | 1.4 | 312.4 | 326.3 | 4.7 | 93.8 | 4.4 | 38. |
| 12.0 | 51.5 | 4690.8 | 575.0 | -3.2 | -21.0 | 274.9 | 16.4 | 16.4 | -1.4 | 316.2 | 320.2 | 1.2 | 23.7 | 5.1 | 46. |
| 12.9 | 54.5 | 5046.8 | 550.0 | -5.8 | -27.7 | 282.0 | 15.5 | 15.1 | -3.2 | 317.2 | 319.6 | 0.7 | 13.7 | 5.6 | 53. |
| 13.9 | 5 9 | 5479.0 | 525.0 | -9.1 | -32.9 | 284.4 | 12.7 | 12.3 | -3.1 | 317.5 | 319.1 | 0.4 | 12.3 | 6.2 | 52. |
| 14.9 | 60.9 | 5784.3 | 500.0 | -11.7 | -42.6 | 284.6 | 10.7 | 10.4 | -2.7 | 319.9 | 319.4 | 0.2 | 5.7 | 6.7 | 63. |
| 15.4 | 64.3 | 6175.1 | 475.0 | -14.6 | -42.8 | 281.0 | 9.8 | 9.6 | -1.9 | 319.9 | 320.6 | 0.2 | 7.0 | 7.4 | 68. |
| 16.0 | 67.7 | 6542.1 | 450.0 | -17.7 | -31.5 | 290.4 | 7.7 | 7.2 | -2.7 | 321.0 | 323.1 | 0.6 | 29.1 | 8.1 | 71. |
| 17.5 | 71.1 | 7007.5 | 425.0 | -20.7 | -29.7 | 275.8 | 6.5 | 8.4 | -0.8 | 322.4 | 325.0 | 0.8 | 44.0 | 8.6 | 74. |
| 20.8 | 74.4 | 7452.8 | 400.0 | -24.7 | -31.0 | 257.1 | 8.9 | 8.7 | 2.0 | 322.9 | 325.4 | 0.7 | 55.3 | 9.3 | 75. |
| 22.4 | 78.6 | 7920.0 | 375.0 | -27.9 | -38.6 | 249.4 | 12.4 | 11.6 | 4.4 | 324.7 | 326.0 | 0.4 | 35.2 | 10.3 | 75. |
| 24.1 | 82.5 | 8112.9 | 350.0 | -30.7 | -57.7 | 240.6 | 12.5 | 10.9 | 6.1 | 327.3 | 327.5 | 0.0 | 11.2 | 12.9 | 72. |
| 25.9 | 86.6 | 8934.1 | 325.0 | -35.5 | -55.1 | 236.8 | 14.8 | 12.4 | 8.1 | 327.8 | 328.1 | 0.1 | 11.2 | 12.9 | 72. |
| 27.6 | 90.8 | 9444.9 | 300.0 | -40.7 | 99.9 | 238.0 | 15.8 | 13.4 | 8.4 | 328.0 | 999.9 | 99.9 | 999.9 | 14.6 | 70. |
| 29.5 | 95.3 | 10070.9 | 275.0 | -46.1 | 99.9 | 235.7 | 16.4 | 13.6 | 9.3 | 328.4 | 999.9 | 99.9 | 999.9 | 16.3 | 62. |
| 31.5 | 100.0 | 10698.0 | 250.0 | -49.9 | 99.9 | 239.7 | 20.1 | 17.4 | 10.2 | 331.9 | 999.9 | 99.9 | 999.9 | 18.5 | 65. |
| 34.0 | 105.0 | 11391.0 | 225.0 | -53.8 | 99.9 | 227.0 | 23.2 | 17.0 | 15.8 | 333.0 | 999.9 | 99.9 | 999.9 | 21.6 | 65. |
| 36.2 | 110.4 | 12126.8 | 200.0 | -59.7 | 99.9 | 221.5 | 23.3 | 15.4 | 17.4 | 338.2 | 999.9 | 99.9 | 999.9 | 24.5 | 63. |
| 39.2 | 116.3 | 12960.7 | 175.0 | -59.6 | 99.9 | 240.9 | 22.5 | 19.7 | 11.0 | 351.6 | 999.9 | 99.9 | 999.9 | 28.5 | 61. |
| 42.3 | 122.5 | 13930.1 | 150.0 | -58.1 | 99.9 | 251.4 | 22.4 | 21.2 | 7.1 | 370.1 | 999.9 | 99.9 | 999.9 | 32.6 | 62. |
| 46.0 | 129.5 | 15765.3 | 125.0 | -63.8 | 99.9 | 252.2 | 23.6 | 22.5 | 7.2 | 379.5 | 999.9 | 99.9 | 999.9 | 37.8 | 64. |
| 50.2 | 137.0 | 16429.9 | 100.0 | -65.4 | 99.9 | 253.6 | 20.2 | 19.3 | 5.7 | 400.6 | 999.9 | 99.9 | 999.9 | 43.7 | 64. |
| 54.3 | 146.0 | 19156.5 | 75.0 | -67.7 | 99.9 | 274.4 | 11.7 | 11.7 | -1.0 | 431.0 | 999.9 | 99.9 | 999.9 | 48.9 | 68. |
| 55.0 | 156.0 | 20638.6 | 50.0 | -60.7 | 99.9 | 313.0 | 6.9 | 5.0 | -4.7 | 500.4 | 999.9 | 99.9 | 999.9 | 51.6 | 69. |
| 70.2 | 166.3 | 25117.0 | 25.0 | -67.5 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 648.5 | 999.9 | 99.9 | 999.9 | 52.4 | 72. |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265
MIDLAND, TEXAS

20 APRIL : 979
214 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP 4/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | WX RTO GM/KG | 3M PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 14.1 | 873.0 | 910.9 | 21.1 | 13.3 | 160.0 | 4.1 | -1.4 | 3.9 | 302.2 | 331.0 | 10.0 | 61.0 | 0.0 | 0. |
| 00.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 09.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 09.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 09.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.4 | 15.1 | 977.8 | 900.0 | 22.5 | 14.6 | 170.9 | 10.9 | -1.7 | 10.8 | 309.7 | 336.5 | 11.7 | 61.0 | 0.3 | 343. |
| 1.2 | 17.4 | 1222.9 | 875.0 | 20.8 | 13.2 | 170.1 | 10.3 | -1.8 | 10.2 | 305.4 | 335.6 | 11.0 | 61.9 | 0.7 | 347. |
| 2.1 | 19.6 | 1473.2 | 850.0 | 19.9 | 4.4 | 179.1 | 8.7 | -0.1 | 8.7 | 307.0 | 324.6 | 6.2 | 35.9 | 1.2 | 349. |
| 2.8 | 21.3 | 1710.1 | 825.0 | 18.8 | 5.8 | 188.9 | 6.0 | 0.9 | 5.9 | 308.5 | 328.5 | 7.0 | 42.6 | 1.6 | 353. |
| 3.4 | 27.2 | 1993.1 | 800.0 | 16.5 | 5.0 | 210.2 | 3.3 | 1.7 | 2.9 | 308.8 | 328.4 | 6.9 | 45.5 | 1.8 | 356. |
| 4.7 | 26.6 | 2262.5 | 775.0 | 14.1 | 2.6 | 251.1 | 3.2 | 3.0 | 1.0 | 309.0 | 326.1 | 6.0 | 45.7 | 1.9 | 360. |
| 5.9 | 29.0 | 2518.2 | 750.0 | 11.7 | -0.6 | 279.3 | 4.9 | 4.8 | -0.8 | 309.3 | 323.5 | 4.9 | 42.4 | 1.9 | 36. |
| 6.5 | 31.4 | 2920.8 | 725.0 | 9.3 | -2.2 | 286.4 | 7.2 | 6.9 | -2.0 | 309.7 | 322.9 | 4.5 | 44.1 | 1.9 | 16. |
| 7.5 | 33.9 | 3110.6 | 700.0 | 6.9 | -2.7 | 285.0 | 10.3 | 9.9 | -2.7 | 310.1 | 323.3 | 4.5 | 50.2 | 1.9 | 31. |
| 8.4 | 36.3 | 3408.4 | 675.0 | 4.4 | -3.6 | 286.1 | 12.4 | 11.9 | -3.4 | 310.6 | 323.5 | 4.4 | 56.0 | 2.2 | 47. |
| 9.4 | 39.8 | 3718.5 | 650.0 | 1.6 | -4.3 | 283.0 | 14.0 | 13.6 | -3.2 | 310.8 | 323.4 | 4.3 | 64.8 | 2.7 | 62. |
| 10.5 | 41.4 | 4079.2 | 625.0 | -1.3 | -5.5 | 278.9 | 15.8 | 15.6 | -2.4 | 311.0 | 323.1 | 4.1 | 73.1 | 3.5 | 71. |
| 11.5 | 44.1 | 4351.8 | 600.0 | -2.0 | -25.3 | 282.4 | 15.8 | 15.4 | -3.4 | 313.8 | 316.5 | 0.8 | 15.0 | 4.4 | 78. |
| 12.4 | 46.8 | 4692.0 | 575.0 | -2.5 | -50.6 | 291.6 | 12.9 | 12.0 | -4.7 | 317.1 | 317.3 | 0.1 | 1.1 | 5.1 | 82. |
| 13.4 | 49.4 | 5042.8 | 550.0 | -5.2 | -49.2 | 294.2 | 9.9 | 9.0 | -4.1 | 317.9 | 318.3 | 0.1 | 1.9 | 5.7 | 86. |
| 14.5 | 52.3 | 5406.2 | 525.0 | -7.9 | -54.1 | 289.1 | 7.1 | 6.7 | -2.3 | 319.0 | 319.2 | 0.0 | 1.4 | 6.2 | 88. |
| 15.7 | 55.2 | 5732.9 | 500.0 | -11.5 | -54.3 | 288.3 | 6.2 | 5.9 | -1.9 | 319.0 | 319.2 | 0.0 | 1.4 | 6.6 | 89. |
| 16.7 | 58.1 | 6173.1 | 475.0 | -15.1 | -51.5 | 284.7 | 5.4 | 5.2 | -1.4 | 319.2 | 319.5 | 0.1 | 2.7 | 7.0 | 90. |
| 18.2 | 61.1 | 6579.2 | 450.0 | -18.4 | -56.0 | 264.1 | 5.3 | 5.3 | 0.5 | 320.1 | 320.3 | 0.0 | 2.1 | 7.4 | 91. |
| 19.6 | 64.3 | 7003.1 | 425.0 | -21.7 | -60.4 | 246.8 | 5.6 | 5.1 | 2.2 | 321.1 | 322.1 | 0.3 | 18.6 | 7.8 | 92. |
| 20.9 | 67.6 | 7446.4 | 400.0 | -25.1 | -67.9 | 230.3 | 7.0 | 5.4 | 4.5 | 322.4 | 325.6 | 1.0 | 77.0 | 8.2 | 88. |
| 22.1 | 70.3 | 7912.7 | 375.0 | -28.4 | -72.6 | 229.3 | 9.4 | 7.1 | 6.1 | 326.0 | 326.3 | 0.7 | 66.9 | 8.8 | 85. |
| 23.7 | 74.1 | 8403.1 | 350.0 | -32.8 | -76.3 | 240.5 | 13.1 | 11.4 | 6.4 | 326.6 | 326.3 | 0.5 | 70.5 | 8.6 | 82. |
| 25.2 | 77.9 | 8920.6 | 325.0 | -36.6 | -80.6 | 247.6 | 15.7 | 14.5 | 6.4 | 326.2 | 326.9 | 0.2 | 34.5 | 10.9 | 80. |
| 27.1 | 81.6 | 9469.8 | 300.0 | -41.4 | -84.9 | 240.3 | 16.0 | 13.9 | 7.9 | 327.0 | 327.0 | 0.9 | 99.9 | 12.5 | 78. |
| 28.7 | 85.5 | 10054.8 | 275.0 | -45.5 | -89.9 | 236.3 | 15.8 | 13.1 | 8.7 | 329.3 | 329.9 | 90.9 | 99.9 | 14.2 | 76. |
| 31.1 | 89.7 | 10685.0 | 250.0 | -49.5 | -94.9 | 225.6 | 20.4 | 14.6 | 14.3 | 332.6 | 332.6 | 90.9 | 99.9 | 16.3 | 73. |
| 33.2 | 94.0 | 11368.8 | 225.0 | -54.0 | -99.9 | 213.7 | 23.1 | 12.8 | 19.2 | 335.7 | 335.7 | 90.9 | 99.9 | 18.7 | 68. |
| 35.4 | 98.6 | 12118.9 | 200.0 | -58.3 | -99.9 | 212.7 | 22.6 | 12.2 | 19.0 | 337.2 | 337.2 | 90.9 | 99.9 | 21.3 | 63. |
| 38.2 | 103.4 | 12943.0 | 175.0 | -61.0 | -99.7 | 231.0 | 24.6 | 19.1 | 15.3 | 349.2 | 349.2 | 90.9 | 99.9 | 24.8 | 59. |
| 41.5 | 109.1 | 13710.7 | 150.0 | -58.3 | -99.9 | 256.3 | 25.4 | 24.7 | 6.0 | 368.6 | 368.6 | 90.9 | 99.9 | 29.9 | 60. |
| 45.4 | 115.5 | 15054.3 | 125.0 | -60.1 | -99.9 | 259.1 | 18.9 | 18.6 | 3.6 | 386.2 | 386.2 | 90.9 | 99.9 | 34.9 | 63. |
| 48.1 | 122.3 | 16431.9 | 100.0 | -64.6 | -99.9 | 260.2 | 14.4 | 14.2 | 2.5 | 403.0 | 403.0 | 90.9 | 99.9 | 39.1 | 65. |
| 50.7 | 130.7 | 19157.6 | 75.0 | -70.3 | -99.9 | 270.7 | 12.3 | 12.3 | -0.2 | 425.6 | 425.6 | 90.9 | 99.9 | 43.2 | 67. |
| 62.3 | 140.7 | 20650.3 | 50.0 | -61.2 | -99.9 | 352.3 | 5.4 | 0.7 | -5.3 | 499.4 | 499.4 | 90.9 | 99.9 | 44.7 | 69. |
| 70.1 | 153.0 | 25098.1 | 25.0 | -48.7 | -99.9 | 230.5 | 4.8 | 3.7 | 3.1 | 644.7 | 644.7 | 90.9 | 99.9 | 45.3 | 71. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265
MIDLAND, TEXAS20 APRIL 1979
510 GMT

| TIME VIM | CNTCT | HEIGHT GPM | PRES MM | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GN/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 00 | 15.0 | 873.0 | 912.3 | 20.0 | 15.6 | 190.0 | 2.5 | 0.4 | 2.5 | 301.0 | 334.1 | 12.4 | 76.0 | 0.0 | 0. |
| 00.9 | 99.9 | 1000.0 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.9 | 99.9 | 99.9 | 952.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.9 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.9 | 99.9 | 99.9 | 875.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.9 | 99.9 | 99.9 | 850.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.9 | 99.9 | 99.9 | 825.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.9 | 99.9 | 99.9 | 800.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.9 | 99.9 | 99.9 | 775.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.9 | 99.9 | 99.9 | 750.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.9 | 99.9 | 99.9 | 725.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.9 | 99.9 | 99.9 | 700.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.9 | 99.9 | 99.9 | 675.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.9 | 99.9 | 99.9 | 650.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.9 | 99.9 | 99.9 | 625.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.9 | 99.9 | 99.9 | 600.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.9 | 99.9 | 99.9 | 575.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.9 | 99.9 | 99.9 | 550.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.9 | 99.9 | 99.9 | 525.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.9 | 99.9 | 99.9 | 500.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.9 | 99.9 | 99.9 | 475.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.9 | 99.9 | 99.9 | 450.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.9 | 99.9 | 99.9 | 425.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.9 | 99.9 | 99.9 | 400.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.9 | 99.9 | 99.9 | 375.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.9 | 99.9 | 99.9 | 350.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.9 | 99.9 | 99.9 | 325.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.9 | 99.9 | 99.9 | 300.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.9 | 99.9 | 99.9 | 275.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.9 | 99.9 | 99.9 | 250.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.9 | 99.9 | 99.9 | 225.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.9 | 99.9 | 99.9 | 200.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.9 | 99.9 | 99.9 | 175.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.9 | 99.9 | 99.9 | 150.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.9 | 99.9 | 99.9 | 125.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.9 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.9 | 99.9 | 99.9 | 0.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265
MIDLAND, TEXAS

20 APRIL 1979
810 GMT

| TIME -114 | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO CM/KG | RM PCT | RANGE KM | AZ DG |
|--------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 00.0 | 13.6 | 873.0 | 912.6 | 13.9 | 12.3 | 170.0 | 3.6 | -0.6 | 3.5 | 294.7 | 320.8 | 9.9 | 92.0 | 0.0 | 0. |
| 00.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 01.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 02.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 03.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 04.9 | 14.9 | 991.0 | 903.0 | 17.6 | 13.8 | 155.3 | 11.1 | -4.6 | 10.1 | 299.6 | 329.4 | 11.1 | 78.4 | 0.3 | 346. |
| 05.9 | 17.0 | 1232.7 | 875.0 | 18.1 | 10.9 | 210.8 | 12.3 | 6.3 | 10.6 | 302.6 | 328.4 | 9.4 | 62.8 | 0.7 | 2. |
| 06.9 | 19.3 | 1482.1 | 850.0 | 19.5 | 4.6 | 203.5 | 8.5 | 3.4 | 7.8 | 306.6 | 324.5 | 6.3 | 37.3 | 1.4 | 17. |
| 07.9 | 21.5 | 1734.5 | 825.0 | 18.2 | 3.1 | 210.0 | 3.8 | 1.9 | 3.3 | 307.8 | 324.5 | 5.8 | 36.6 | 1.7 | 18. |
| 08.9 | 23.9 | 2031.0 | 803.0 | 15.9 | 2.3 | 237.1 | 2.1 | 1.7 | 1.1 | 308.1 | 324.5 | 5.7 | 39.8 | 1.8 | 19. |
| 09.9 | 26.3 | 2269.4 | 775.0 | 13.3 | 0.3 | 281.1 | 2.6 | 2.5 | -0.5 | 308.1 | 322.8 | 5.1 | 41.1 | 1.8 | 22. |
| 10.9 | 28.7 | 2544.2 | 75.0 | 11.0 | -3.4 | 302.1 | 3.9 | 3.3 | -2.1 | 308.6 | 320.3 | 4.0 | 36.3 | 1.8 | 28. |
| 11.9 | 31.1 | 2825.0 | 725.0 | 8.7 | -3.7 | 286.0 | 6.2 | 6.0 | -1.7 | 309.0 | 320.8 | 4.0 | 41.4 | 1.9 | 37. |
| 12.9 | 33.6 | 3115.2 | 703.0 | 6.7 | -5.6 | 288.0 | 8.7 | 8.7 | 0.3 | 309.9 | 320.6 | 3.6 | 41.1 | 2.1 | 47. |
| 13.9 | 36.1 | 3412.6 | 675.0 | 4.1 | -6.0 | 284.1 | 9.9 | 9.8 | 1.0 | 310.2 | 321.0 | 3.6 | 47.6 | 2.6 | 55. |
| 14.9 | 38.7 | 3717.9 | 653.0 | 1.0 | -7.1 | 282.0 | 10.8 | 10.7 | 1.5 | 310.4 | 320.4 | 3.4 | 54.4 | 3.0 | 59. |
| 15.9 | 41.2 | 4031.7 | 625.0 | -2.1 | -8.7 | 288.1 | 11.2 | 11.2 | 0.4 | 310.1 | 319.5 | 3.2 | 60.4 | 3.6 | 63. |
| 16.9 | 43.9 | 4354.6 | 600.0 | -4.9 | -16.2 | 276.6 | 11.0 | 10.9 | -1.3 | 310.4 | 316.1 | 1.8 | 41.4 | 4.2 | 55. |
| 17.9 | 46.6 | 4688.0 | 575.0 | -6.8 | -39.5 | 276.8 | 9.9 | 9.8 | -1.2 | 312.0 | 313.1 | 0.3 | 8.2 | 4.8 | 72. |
| 18.9 | 49.4 | 5034.4 | 550.0 | -7.5 | -54.7 | 281.4 | 9.8 | 9.6 | -1.9 | 315.2 | 315.4 | 0.0 | 1.0 | 5.4 | 75. |
| 19.9 | 52.2 | 5394.8 | 525.0 | -9.9 | -56.2 | 277.4 | 10.2 | 10.1 | -1.3 | 316.6 | 316.7 | 0.0 | 1.0 | 6.2 | 79. |
| 20.9 | 55.1 | 5758.9 | 500.0 | -12.9 | -58.1 | 270.2 | 8.6 | 8.6 | -0.0 | 317.3 | 317.4 | 0.0 | 1.0 | 7.1 | 81. |
| 21.9 | 58.1 | 6157.3 | 475.0 | -16.4 | -60.3 | 257.4 | 7.6 | 7.5 | 1.7 | 317.7 | 317.8 | 0.0 | 1.0 | 7.8 | 81. |
| 22.9 | 61.1 | 6561.6 | 453.0 | -19.5 | -62.3 | 239.2 | 7.8 | 6.7 | 4.0 | 318.7 | 318.8 | 0.0 | 1.0 | 8.5 | 82. |
| 23.9 | 64.3 | 6943.2 | 425.0 | -23.3 | -59.3 | 238.1 | 8.9 | 7.5 | 4.7 | 319.1 | 319.3 | 0.1 | 4.4 | 9.2 | 78. |
| 24.9 | 67.4 | 7423.6 | 400.0 | -27.1 | -36.2 | 999.9 | 99.9 | 99.9 | 99.9 | 319.7 | 321.2 | 0.4 | 41.5 | 999.9 | 999.9 |
| 25.9 | 99.9 | 99.9 | 375.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 26.9 | 99.9 | 99.9 | 350.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 27.9 | 99.9 | 99.9 | 325.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 28.9 | 99.9 | 99.9 | 300.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 29.9 | 99.9 | 99.9 | 275.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 30.9 | 99.9 | 99.9 | 250.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 31.9 | 99.9 | 99.9 | 225.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 32.9 | 99.9 | 99.9 | 200.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 33.9 | 99.9 | 99.9 | 175.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 34.9 | 99.9 | 99.9 | 150.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 35.9 | 99.9 | 99.9 | 125.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 36.9 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 37.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 38.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 39.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 245
MIDLAND, TEXAS20 APRIL 1979
1105 GMT

| TIME 41N | CHTCY | WEIGHT GPM | PRES 49 | TEMP DG C | DEW PT DG C | DIR DS | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | WIND CM/KG | RM PCT | RANGE CM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|---------------|-----------|-------------|----------|
| 0.0 | 13.4 | 873.0 | 911.0 | 15.4 | 14.5 | 190.0 | 4.1 | 0.7 | 4.0 | 296.5 | 326.7 | 11.5 | 93.0 | 0.0 | 0 |
| 00.0 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.0 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.0 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.0 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.4 | 14.4 | 942.5 | 900.0 | 16.3 | 16.3 | 220.1 | 10.9 | 7.0 | 8.3 | 298.3 | 333.0 | 13.1 | 101.4 | 0.3 | 13 |
| 1.3 | 16.6 | 1223.1 | 875.0 | 18.1 | 4.4 | 232.9 | 7.8 | 6.2 | 4.7 | 307.6 | 322.2 | 7.1 | 52.4 | 0.7 | 31 |
| 2.2 | 18.9 | 1472.3 | 850.0 | 20.6 | -37.3 | 265.6 | 4.6 | 4.5 | 0.3 | 307.7 | 308.4 | 0.2 | 1.0 | 0.9 | 43 |
| 3.2 | 21.2 | 1720.3 | 825.0 | 19.4 | -37.4 | 275.3 | 3.2 | 3.2 | -0.5 | 308.0 | 308.7 | 1.2 | 1.2 | 1.0 | 53 |
| 4.0 | 23.5 | 1990.0 | 800.0 | 15.8 | -24.8 | 289.6 | 2.1 | 2.1 | 0.0 | 308.0 | 310.1 | 0.6 | 4.6 | 1.2 | 57 |
| 5.0 | 25.9 | 2257.5 | 775.0 | 13.2 | -30.2 | 293.6 | 1.6 | 1.5 | -0.3 | 308.1 | 310.4 | 0.4 | 3.3 | 1.2 | 60 |
| 6.0 | 28.3 | 2531.7 | 750.0 | 11.1 | -42.7 | 299.9 | 3.4 | 2.9 | -1.7 | 308.6 | 309.0 | 0.1 | 1.1 | 1.3 | 63 |
| 7.0 | 30.4 | 2813.2 | 725.0 | 8.9 | -44.5 | 303.7 | 6.4 | 5.3 | -3.5 | 309.2 | 309.5 | 0.1 | 1.0 | 1.5 | 73 |
| 8.4 | 35.6 | 3198.3 | 700.0 | 6.2 | -16.2 | 310.0 | 7.0 | 6.5 | -2.5 | 309.4 | 314.2 | 1.6 | 15.3 | 1.8 | 83 |
| 9.4 | 38.2 | 3473.6 | 675.0 | 3.6 | -7.4 | 322.5 | 7.1 | 7.1 | -0.3 | 309.7 | 319.5 | 3.3 | 46.4 | 2.1 | 86 |
| 10.4 | 40.7 | 4217.6 | 650.0 | 1.1 | -7.5 | 323.1 | 9.8 | 9.0 | 1.1 | 310.2 | 319.5 | 3.4 | 52.8 | 2.6 | 86 |
| 11.3 | 43.1 | 4741.2 | 600.0 | -4.4 | -13.2 | 329.4 | 12.1 | 12.1 | 1.3 | 310.4 | 319.9 | 3.1 | 58.0 | 3.3 | 85 |
| 13.0 | 46.1 | 4744.6 | 575.0 | -7.2 | -24.2 | 324.5 | 11.0 | 10.9 | -0.9 | 311.1 | 318.1 | 2.3 | 50.0 | 4.1 | 85 |
| 14.3 | 47.7 | 5220.0 | 550.0 | -9.6 | -55.3 | 327.2 | 8.2 | 8.2 | 0.4 | 313.9 | 314.1 | 0.0 | 1.0 | 5.6 | 88 |
| 15.7 | 51.7 | 5179.4 | 525.0 | -12.4 | -56.5 | 321.8 | 7.0 | 6.7 | 1.0 | 315.9 | 314.1 | 0.0 | 1.0 | 6.2 | 87 |
| 17.1 | 54.6 | 5753.0 | 500.0 | -13.0 | -58.1 | 326.7 | 7.1 | 7.0 | 1.6 | 317.2 | 317.3 | 0.0 | 1.0 | 6.8 | 87 |
| 19.3 | 57.4 | 6141.9 | 475.0 | -15.9 | -60.0 | 321.6 | 7.8 | 6.8 | 3.7 | 318.3 | 318.4 | 0.0 | 1.0 | 7.4 | 85 |
| 19.7 | 60.6 | 6566.3 | 450.0 | -19.5 | -62.3 | 323.3 | 8.2 | 7.8 | 2.5 | 318.7 | 318.8 | 0.0 | 1.0 | 8.0 | 83 |
| 21.3 | 63.9 | 6967.8 | 425.0 | -23.5 | -74.1 | 329.6 | 8.9 | 8.8 | 1.6 | 318.9 | 320.7 | 0.5 | 37.7 | 8.7 | 82 |
| 22.4 | 67.2 | 7427.5 | 400.0 | -27.8 | -73.0 | 325.6 | 8.3 | 8.2 | 0.6 | 318.9 | 320.9 | 0.6 | 62.8 | 9.5 | 81 |
| 24.4 | 70.3 | 7867.9 | 375.0 | -31.1 | -86.3 | 321.1 | 10.1 | 10.0 | 1.8 | 320.4 | 321.5 | 0.3 | 40.7 | 10.4 | 82 |
| 26.7 | 73.8 | 8355.2 | 350.0 | -33.9 | -71.8 | 322.0 | 12.2 | 12.1 | 1.7 | 323.9 | 324.3 | 0.0 | 1.0 | 11.6 | 81 |
| 29.1 | 77.4 | 8949.8 | 325.0 | -36.3 | -74.7 | 327.8 | 12.6 | 12.3 | 2.7 | 323.9 | 324.3 | 0.0 | 1.0 | 13.0 | 81 |
| 30.2 | 81.1 | 9415.9 | 300.0 | -42.2 | 99.9 | 267.1 | 11.5 | 11.5 | 1.6 | 325.9 | 99.9 | 99.9 | 99.9 | 14.5 | 82 |
| 32.5 | 85.1 | 9998.0 | 275.0 | -47.2 | 99.9 | 267.5 | 12.2 | 12.2 | 3.5 | 326.9 | 99.9 | 99.9 | 99.9 | 16.2 | 83 |
| 34.4 | 89.2 | 10671.6 | 250.0 | -52.3 | 99.9 | 259.8 | 11.5 | 11.3 | 2.0 | 324.3 | 99.9 | 99.9 | 99.9 | 17.8 | 83 |
| 37.4 | 93.4 | 11294.5 | 225.0 | -54.6 | 99.9 | 251.1 | 15.1 | 14.3 | 4.9 | 331.2 | 99.9 | 99.9 | 99.9 | 19.8 | 82 |
| 42.5 | 98.4 | 12035.0 | 200.0 | -61.0 | 99.9 | 244.6 | 15.4 | 13.9 | 6.6 | 336.2 | 99.9 | 99.9 | 99.9 | 22.5 | 81 |
| 43.9 | 103.5 | 12868.6 | 175.0 | -59.4 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 351.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 49.9 | 99.9 | 99.9 | 150.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 50.9 | 99.9 | 99.9 | 125.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 50.9 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 50.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 50.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 50.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 4 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 270
EL PASO, TEXAS

19 APRIL 1979
1105 GMT

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

152 14. i

| TIME MIN | CNCT | HEIGHT GM | PRES IN | TEMP DEG C | DEW PT DEG C | DIR DS | SPEED M/SEC | J COMP M/SEC | V COMP M/SEC | POT I DG K | E POT I DG K | WIND GM/KG | 3M PCT | RANGE K | AZ DG |
|-------------|-------|--------------|------------|---------------|-----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|---------------|-----------|------------|----------|
| 3.3 | 14.3 | 1193.0 | 879.5 | 15.9 | -1.6 | 50.0 | 2.6 | -2.0 | -1.7 | 299.9 | 310.8 | 3.9 | 30.0 | 0.0 | 0. |
| 39.3 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.3 | 99.9 | 99.9 | 975.0 | 77.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.3 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.3 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.3 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.3 | 99.9 | 99.9 | 875.0 | 16.8 | -1.5 | 99.9 | 99.9 | 99.9 | 99.9 | 301.2 | 312.4 | 3.9 | 28.6 | 99.9 | 99.9 |
| 1.1 | 21.2 | 1833.0 | 850.0 | 16.3 | -1.5 | 99.9 | 99.9 | 99.9 | 99.9 | 303.2 | 314.0 | 4.0 | 29.6 | 99.9 | 99.9 |
| 7.1 | 23.9 | 1736.6 | 825.0 | 14.2 | 0.5 | 99.9 | 99.9 | 99.9 | 99.9 | 303.6 | 317.3 | 4.8 | 39.0 | 0.6 | 122. |
| 9.3 | 26.3 | 1695.4 | 800.0 | 12.0 | 1.2 | 271.5 | 9.3 | 9.3 | -0.2 | 303.9 | 318.7 | 5.2 | 47.6 | 1.2 | 111. |
| 4.5 | 28.9 | 2250.1 | 775.0 | 9.4 | 1.3 | 260.3 | 11.3 | 11.1 | 1.9 | 304.0 | 319.3 | 5.4 | 56.6 | 1.9 | 101. |
| 5.6 | 31.5 | 2531.5 | 750.0 | 7.0 | 0.2 | 260.3 | 12.3 | 12.1 | 2.1 | 304.2 | 318.9 | 5.2 | 61.8 | 2.5 | 96. |
| 6.8 | 34.2 | 2839.1 | 725.0 | 4.4 | -1.7 | 251.5 | 12.9 | 12.3 | 4.1 | 304.3 | 318.3 | 4.9 | 69.1 | 3.1 | 92. |
| 7.3 | 36.9 | 3138.2 | 700.0 | 2.5 | -2.7 | 242.9 | 13.9 | 12.4 | 6.3 | 305.3 | 318.2 | 4.5 | 68.3 | 3.8 | 87. |
| 9.3 | 39.7 | 3397.5 | 675.0 | 0.4 | -0.6 | 235.6 | 13.0 | 10.7 | 7.3 | 306.1 | 316.1 | 3.4 | 59.4 | 4.5 | 82. |
| 9.4 | 42.4 | 3599.3 | 650.0 | -1.3 | -13.9 | 226.6 | 13.5 | 9.8 | 9.3 | 307.5 | 313.9 | 2.1 | 39.0 | 5.1 | 77. |
| 10.5 | 45.3 | 3801.8 | 625.0 | -1.5 | -24.0 | 213.9 | 15.4 | 8.6 | 12.8 | 310.7 | 313.5 | 0.9 | 16.0 | 6.1 | 72. |
| 11.2 | 48.2 | 4025.6 | 600.0 | -3.7 | -20.5 | 208.0 | 18.0 | 8.8 | 16.6 | 311.9 | 315.9 | 1.3 | 25.8 | 7.2 | 64. |
| 11.2 | 51.1 | 4250.2 | 575.0 | -6.0 | -26.0 | 212.4 | 18.5 | 9.9 | 15.6 | 313.0 | 315.7 | 0.8 | 19.4 | 8.5 | 58. |
| 14.5 | 54.2 | 5326.5 | 550.0 | -9.5 | -39.1 | 222.6 | 17.3 | 11.6 | 12.7 | 314.0 | 314.9 | 0.2 | 8.3 | 9.7 | 55. |
| 15.5 | 57.3 | 5566.5 | 525.0 | -9.5 | -41.1 | 220.3 | 16.8 | 12.5 | 11.2 | 317.0 | 317.7 | 0.2 | 5.5 | 10.9 | 54. |
| 16.4 | 60.3 | 5741.0 | 500.0 | -12.4 | -43.0 | 230.9 | 16.9 | 11.1 | 10.7 | 318.0 | 318.6 | 0.2 | 5.7 | 12.1 | 50. |
| 19.1 | 63.6 | 6131.0 | 475.0 | -15.1 | -45.2 | 228.8 | 15.8 | 11.9 | 10.4 | 319.4 | 319.9 | 0.1 | 5.5 | 13.1 | 54. |
| 19.6 | 66.9 | 6337.8 | 450.0 | -17.5 | -45.2 | 227.9 | 15.1 | 11.2 | 10.1 | 321.3 | 321.9 | 0.1 | 6.8 | 14.6 | 53. |
| 21.2 | 70.4 | 6522.6 | 425.0 | -21.6 | -44.4 | 233.7 | 15.6 | 13.0 | 9.9 | 321.3 | 321.9 | 0.2 | 10.6 | 16.2 | 53. |
| 22.7 | 73.9 | 7005.5 | 400.0 | -25.6 | -43.1 | 233.7 | 16.8 | 13.5 | 9.5 | 321.8 | 322.5 | 0.2 | 17.4 | 17.7 | 53. |
| 24.3 | 77.6 | 7469.9 | 375.0 | -29.3 | -47.4 | 226.5 | 14.8 | 10.7 | 10.2 | 322.8 | 323.3 | 0.1 | 15.4 | 19.3 | 53. |
| 26.1 | 81.1 | 8358.6 | 350.0 | -33.4 | -49.0 | 227.8 | 14.4 | 10.6 | 9.6 | 323.7 | 324.2 | 0.1 | 13.8 | 20.7 | 52. |
| 27.4 | 85.3 | 8375.4 | 325.0 | -36.7 | -53.0 | 232.1 | 15.9 | 12.5 | 9.8 | 326.1 | 326.4 | 0.1 | 16.3 | 22.3 | 52. |
| 29.5 | 89.5 | 9424.4 | 300.0 | -41.1 | -59.9 | 235.1 | 16.0 | 13.2 | 9.2 | 327.5 | 327.5 | 99.9 | 99.9 | 24.0 | 52. |
| 31.6 | 93.8 | 10009.5 | 275.0 | -46.1 | -69.9 | 235.0 | 20.5 | 17.0 | 11.5 | 323.5 | 323.5 | 99.9 | 99.9 | 26.0 | 53. |
| 33.7 | 98.4 | 10936.4 | 250.0 | -51.0 | -79.9 | 238.4 | 23.5 | 19.1 | 13.7 | 330.2 | 330.2 | 99.9 | 99.9 | 28.9 | 53. |
| 35.9 | 103.4 | 11311.4 | 225.0 | -57.0 | -99.9 | 233.9 | 22.0 | 17.8 | 13.0 | 331.2 | 331.2 | 99.9 | 99.9 | 31.9 | 53. |
| 39.4 | 109.6 | 12052.3 | 200.0 | -59.8 | -99.9 | 234.8 | 20.8 | 17.0 | 12.0 | 336.1 | 336.1 | 99.9 | 99.9 | 35.5 | 53. |
| 41.4 | 114.3 | 12803.6 | 175.0 | -63.1 | -99.9 | 243.4 | 27.6 | 24.7 | 12.4 | 350.7 | 350.7 | 99.9 | 99.9 | 39.7 | 54. |
| 45.7 | 120.3 | 13466.9 | 150.0 | -60.1 | -99.9 | 250.9 | 31.2 | 29.5 | 13.2 | 366.6 | 366.6 | 99.9 | 99.9 | 44.8 | 54. |
| 50.1 | 127.3 | 14993.0 | 125.0 | -61.1 | -99.9 | 248.7 | 24.9 | 22.7 | 10.2 | 384.4 | 384.4 | 99.9 | 99.9 | 53.9 | 54. |
| 56.4 | 135.0 | 16357.8 | 100.0 | -66.0 | -99.9 | 240.7 | 21.9 | 19.4 | 7.6 | 400.2 | 400.2 | 99.9 | 99.9 | 59.9 | 59. |
| 60.4 | 144.2 | 19044.2 | 75.0 | -64.8 | -99.9 | 259.3 | 11.7 | 11.5 | 2.2 | 428.7 | 428.7 | 99.9 | 99.9 | 65.1 | 60. |
| 68.2 | 154.0 | 20322.9 | 50.0 | -60.1 | -99.9 | 317.4 | 5.6 | 3.8 | - | 501.9 | 501.9 | 99.9 | 99.9 | 67.3 | 62. |
| 81.3 | 164.5 | 25069.9 | 25.0 | -51.2 | -99.9 | 300.4 | 7.1 | 5.7 | -0.2 | 637.8 | 637.8 | 99.9 | 99.9 | 68.8 | 65. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 270
EL PASO, TEXAS

19 APRIL 1979
1405 GMT

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

310 101. 1

| TIME MIN | CNTCY | HEIGHT GPM | PRES MS | TEMP DG C | DEN DT DG C | DIR DG | SPEED M/SEC | U COMP V/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO CM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 10.0 | 1193.0 | 880.9 | 18.7 | 0.3 | 90.0 | 1.5 | -1.5 | 0.0 | 302.6 | 315.3 | 4.5 | 28.0 | 0.0 | 0. |
| 00.9 | 99.0 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 09.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 19.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 29.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 39.9 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 49.9 | 99.9 | 99.9 | 875.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 59.9 | 99.9 | 99.9 | 850.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 69.9 | 99.9 | 99.9 | 825.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 79.9 | 99.9 | 99.9 | 800.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 89.9 | 99.9 | 99.9 | 775.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 750.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 109.9 | 99.9 | 99.9 | 725.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 119.9 | 99.9 | 99.9 | 700.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 129.9 | 99.9 | 99.9 | 675.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 139.9 | 99.9 | 99.9 | 650.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 149.9 | 99.9 | 99.9 | 625.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 159.9 | 99.9 | 99.9 | 600.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 169.9 | 99.9 | 99.9 | 575.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 179.9 | 99.9 | 99.9 | 550.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 189.9 | 99.9 | 99.9 | 525.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 199.9 | 99.9 | 99.9 | 500.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 209.9 | 99.9 | 99.9 | 475.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 219.9 | 99.9 | 99.9 | 450.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 229.9 | 99.9 | 99.9 | 425.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 239.9 | 99.9 | 99.9 | 400.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 249.9 | 99.9 | 99.9 | 375.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 259.9 | 99.9 | 99.9 | 350.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 269.9 | 99.9 | 99.9 | 325.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 279.9 | 99.9 | 99.9 | 300.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 289.9 | 99.9 | 99.9 | 275.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 299.9 | 99.9 | 99.9 | 250.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 309.9 | 99.9 | 99.9 | 225.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 319.9 | 99.9 | 99.9 | 200.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 329.9 | 99.9 | 99.9 | 175.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 339.9 | 99.9 | 99.9 | 150.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 349.9 | 99.9 | 99.9 | 125.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 359.9 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 369.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 379.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 389.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 399.9 | 99.9 | 99.9 | 0.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 270
EL PASO, TEXAS

19 APRIL 1979
1705 GMT

154 25. 0

| TIME MIN | CNCTY | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO CM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 16.9 | 1193.0 | 881.5 | 22.5 | 5.0 | 260.0 | 4.1 | 4.0 | 0.7 | 306.5 | 324.2 | 6.2 | 32.0 | 0.3 | 0. |
| 00.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 09.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 20.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 30.9 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.3 | 17.4 | 1257.0 | 875.0 | 19.9 | 3.1 | 261.7 | 3.1 | 2.8 | 0.4 | 304.4 | 320.2 | 5.5 | 33.0 | 0.2 | 72. |
| 1.3 | 19.5 | 1505.4 | 850.0 | 17.4 | 3.0 | 263.7 | 3.1 | 2.8 | 0.3 | 304.3 | 320.2 | 5.5 | 33.0 | 0.2 | 72. |
| 1.7 | 21.9 | 1759.1 | 825.0 | 14.6 | 2.4 | 265.2 | 3.1 | 2.8 | 0.4 | 304.1 | 319.8 | 5.5 | 38.2 | 0.2 | 79. |
| 2.6 | 24.2 | 2219.3 | 800.0 | 12.2 | 2.9 | 256.0 | 5.5 | 5.4 | 1.3 | 304.1 | 320.8 | 5.9 | 53.0 | 0.7 | 81. |
| 3.3 | 26.5 | 2253.4 | 775.0 | 9.7 | 2.1 | 242.0 | 6.0 | 5.3 | 2.8 | 304.2 | 320.6 | 5.8 | 59.2 | 1.1 | 76. |
| 4.3 | 28.9 | 2554.7 | 750.0 | 7.2 | 1.1 | 239.3 | 6.4 | 5.1 | 3.3 | 304.4 | 320.1 | 5.6 | 65.4 | 1.5 | 71. |
| 5.9 | 31.3 | 2332.7 | 725.0 | 4.5 | 0.4 | 236.4 | 7.3 | 6.1 | 4.0 | 304.4 | 319.9 | 5.4 | 76.6 | 1.9 | 69. |
| 6.7 | 33.9 | 3117.7 | 700.0 | 2.1 | -0.9 | 237.5 | 9.3 | 7.9 | 5.0 | 304.8 | 318.5 | 4.8 | 75.1 | 2.3 | 66. |
| 7.5 | 36.3 | 3110.7 | 675.0 | 0.3 | -7.3 | 243.4 | 10.1 | 9.0 | 4.5 | 306.0 | 315.6 | 3.3 | 56.7 | 2.8 | 65. |
| 9.3 | 39.7 | 3712.0 | 650.0 | -1.1 | -26.4 | 249.7 | 11.0 | 10.3 | 4.0 | 307.7 | 310.3 | 2.8 | 15.0 | 3.5 | 65. |
| 11.2 | 44.4 | 4364.6 | 600.0 | -5.1 | -30.5 | 232.9 | 12.8 | 10.2 | 7.7 | 310.7 | 312.5 | 0.5 | 9.9 | 4.3 | 66. |
| 12.4 | 47.3 | 4558.4 | 575.0 | -8.6 | -33.2 | 226.5 | 12.8 | 9.0 | 9.1 | 314.0 | 315.4 | 0.4 | 9.6 | 5.2 | 65. |
| 13.6 | 50.3 | 5312.2 | 550.0 | -7.0 | -36.6 | 226.7 | 13.6 | 9.9 | 9.3 | 313.8 | 317.1 | 0.4 | 8.9 | 7.0 | 60. |
| 14.9 | 53.4 | 5393.2 | 525.0 | -9.3 | -38.0 | 230.3 | 14.5 | 11.1 | 9.3 | 317.3 | 318.6 | 0.4 | 19.2 | 8.1 | 58. |
| 16.3 | 56.5 | 5769.2 | 500.0 | -12.1 | -41.6 | 239.4 | 15.5 | 13.3 | 7.9 | 318.1 | 319.4 | 0.4 | 13.5 | 9.3 | 59. |
| 17.5 | 59.7 | 6157.4 | 475.0 | -15.2 | -45.1 | 245.1 | 15.6 | 14.1 | 6.6 | 319.2 | 320.5 | 0.4 | 15.7 | 10.5 | 59. |
| 18.7 | 63.0 | 6563.6 | 450.0 | -18.5 | -48.7 | 245.5 | 15.1 | 13.7 | 6.2 | 320.0 | 321.2 | 0.3 | 15.0 | 11.6 | 59. |
| 20.2 | 66.6 | 6987.3 | 425.0 | -22.2 | -52.0 | 244.2 | 15.1 | 13.6 | 6.4 | 320.6 | 321.5 | 0.3 | 16.6 | 13.0 | 60. |
| 21.5 | 70.1 | 7429.3 | 400.0 | -26.3 | -56.1 | 239.0 | 15.0 | 12.8 | 8.0 | 320.9 | 321.4 | 0.1 | 18.9 | 14.2 | 60. |
| 23.2 | 74.3 | 7932.2 | 375.0 | -30.4 | -60.4 | 237.3 | 17.0 | 14.1 | 9.2 | 321.4 | 322.0 | 0.2 | 18.9 | 15.7 | 60. |
| 24.6 | 77.9 | 8379.3 | 350.0 | -34.1 | -64.2 | 234.6 | 18.3 | 14.9 | 10.6 | 322.8 | 323.9 | 0.3 | 47.9 | 17.3 | 59. |
| 26.4 | 82.3 | 8931.4 | 325.0 | -38.4 | -68.9 | 231.2 | 18.3 | 14.3 | 11.5 | 323.7 | 324.9 | 0.3 | 47.9 | 19.1 | 59. |
| 28.7 | 85.4 | 9417.6 | 300.0 | -41.7 | -72.9 | 236.5 | 19.1 | 15.9 | 10.5 | 326.6 | 326.6 | 0.3 | 47.9 | 21.1 | 58. |
| 30.2 | 91.0 | 10022.8 | 275.0 | -46.8 | -78.0 | 239.2 | 19.6 | 16.9 | 10.0 | 327.4 | 327.4 | 0.3 | 47.9 | 23.5 | 58. |
| 32.4 | 95.0 | 10549.6 | 250.0 | -50.3 | -82.9 | 235.3 | 23.3 | 19.2 | 13.8 | 331.3 | 331.3 | 0.3 | 47.9 | 26.3 | 58. |
| 34.7 | 101.4 | 11130.1 | 225.0 | -54.9 | -88.4 | 231.4 | 22.1 | 17.3 | 13.6 | 334.4 | 334.4 | 0.3 | 47.9 | 29.4 | 58. |
| 37.1 | 107.2 | 12075.4 | 200.0 | -59.7 | -93.9 | 231.7 | 24.2 | 19.0 | 15.0 | 339.8 | 339.8 | 0.3 | 47.9 | 32.6 | 57. |
| 39.9 | 113.5 | 12714.1 | 175.0 | -64.0 | -99.9 | 246.5 | 27.3 | 25.0 | 10.9 | 353.5 | 353.5 | 0.3 | 47.9 | 36.9 | 57. |
| 43.1 | 120.5 | 13490.4 | 150.0 | -68.3 | -105.0 | 248.6 | 26.7 | 24.6 | 9.7 | 373.0 | 373.0 | 0.3 | 47.9 | 42.1 | 59. |
| 46.3 | 128.0 | 15042.2 | 125.0 | -72.6 | -110.9 | 241.6 | 20.0 | 17.5 | 9.5 | 390.0 | 390.0 | 0.3 | 47.9 | 47.3 | 60. |
| 51.1 | 136.7 | 16433.3 | 100.0 | -76.9 | -116.9 | 253.6 | 18.2 | 17.5 | 5.1 | 404.8 | 404.8 | 0.3 | 47.9 | 52.4 | 60. |
| 56.6 | 146.5 | 19177.6 | 75.0 | -81.2 | -122.9 | 246.3 | 9.4 | 8.6 | 3.8 | 433.2 | 433.2 | 0.3 | 47.9 | 56.2 | 61. |
| 63.4 | 157.5 | 20676.3 | 50.0 | -85.5 | -128.9 | 317.6 | 4.6 | 3.3 | -3.6 | 508.1 | 508.1 | 0.3 | 47.9 | 57.8 | 62. |
| 70.5 | 169.9 | 25141.9 | 25.0 | -89.7 | -134.9 | 999.9 | 99.9 | 99.9 | 99.9 | 647.5 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 270
EL PASO, TEXAS

19 APRIL 1979
2005 GMT

153 20. 0

| TIME MIN | CNCT | WEIGHT GPM | PRES IN | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DEG K | E POT T DEG K | MR RTD G/KG | RM PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|----------------|-----------|-------------|-----------|
| 0.0 | 17.9 | 1 93.0 | 890.0 | 20.7 | 1.6 | 240.0 | 7.7 | 6.7 | 3.9 | 309.0 | 323.2 | 4.9 | 22.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 950.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 3.2 | 19.4 | 1242.8 | 875.0 | 23.48 | 3.0 | 282.4 | 9.5 | 9.3 | 7.6 | 308.1 | 323.7 | 5.4 | 26.4 | 0.3 | 91. |
| 0.9 | 20.7 | 1473.9 | 850.0 | 20.3 | 1.9 | 280.6 | 7.7 | 7.6 | -1.4 | 307.4 | 322.4 | 5.2 | 29.5 | 0.5 | 95. |
| 1.7 | 23.7 | 1750.3 | 825.0 | 17.7 | 1.8 | 270.6 | 6.2 | 6.2 | -0.1 | 307.3 | 322.6 | 5.3 | 30.3 | 0.6 | 96. |
| 2.5 | 25.7 | 2012.2 | 800.0 | 15.2 | 1.9 | 263.1 | 7.5 | 7.4 | 0.9 | 307.4 | 323.1 | 5.5 | 40.5 | 1.1 | 92. |
| 3.3 | 24.2 | 2240.2 | 775.0 | 12.8 | 1.7 | 258.4 | 5.6 | 5.5 | 1.1 | 307.6 | 323.7 | 5.6 | 47.0 | 1.4 | 90. |
| 4.1 | 30.4 | 2554.4 | 750.0 | 10.2 | 1.1 | 250.1 | 4.9 | 4.7 | 1.7 | 307.6 | 323.6 | 5.5 | 53.3 | 1.7 | 88. |
| 4.9 | 33.3 | 2915.3 | 725.0 | 7.5 | 0.1 | 241.5 | 6.0 | 5.3 | 2.9 | 307.6 | 323.0 | 5.3 | 59.5 | 1.9 | 86. |
| 5.7 | 36.3 | 3123.0 | 700.0 | 4.7 | -0.3 | 239.4 | 8.5 | 7.3 | 4.3 | 307.7 | 323.2 | 5.4 | 70.2 | 2.3 | 81. |
| 6.3 | 39.4 | 3418.4 | 675.0 | 2.2 | -0.1 | 244.1 | 7.1 | 6.4 | 3.1 | 308.1 | 318.7 | 3.6 | 54.3 | 2.8 | 77. |
| 7.3 | 41.4 | 3732.1 | 650.0 | 0.3 | -10.7 | 245.5 | 8.7 | 9.5 | 3.6 | 309.3 | 313.9 | 1.5 | 24.8 | 3.2 | 75. |
| 9.1 | 47.1 | 4362.2 | 600.0 | -1.1 | -36.1 | 233.8 | 11.8 | 9.5 | 7.8 | 312.5 | 314.0 | 0.5 | 7.4 | 4.0 | 73. |
| 10.4 | 50.0 | 4539.9 | 575.0 | -3.2 | -39.1 | 229.4 | 13.5 | 10.2 | 8.8 | 314.8 | 315.8 | 0.3 | 4.9 | 4.7 | 68. |
| 11.6 | 53.0 | 4712.3 | 550.0 | -6.1 | -37.7 | 233.5 | 14.9 | 11.9 | 8.9 | 316.2 | 317.3 | 0.3 | 5.7 | 5.8 | 65. |
| 12.7 | 55.0 | 4899.5 | 525.0 | -9.2 | -37.3 | 236.8 | 16.5 | 13.8 | 9.0 | 316.9 | 317.6 | 0.3 | 6.1 | 6.9 | 64. |
| 13.9 | 54.2 | 5079.9 | 500.0 | -11.3 | -39.1 | 242.1 | 16.2 | 14.3 | 7.6 | 319.2 | 320.1 | 0.2 | 7.7 | 8.0 | 62. |
| 15.2 | 59.1 | 5412.3 | 475.0 | -14.5 | -42.6 | 247.3 | 17.1 | 15.7 | 6.6 | 320.1 | 320.7 | 0.2 | 7.0 | 10.8 | 62. |
| 16.7 | 62.4 | 5749.9 | 450.0 | -17.6 | -44.5 | 249.2 | 16.6 | 15.6 | 6.2 | 321.2 | 321.8 | 0.2 | 7.3 | 12.3 | 63. |
| 18.7 | 65.6 | 6079.2 | 425.0 | -21.6 | -46.5 | 247.7 | 17.6 | 15.6 | 8.1 | 321.3 | 321.8 | 0.1 | 9.8 | 13.6 | 63. |
| 19.5 | 69.1 | 7011.6 | 400.0 | -25.1 | -47.9 | 237.6 | 17.3 | 14.6 | 9.2 | 322.3 | 322.8 | 0.2 | 18.1 | 15.8 | 63. |
| 21.3 | 72.6 | 7455.5 | 375.0 | -29.3 | -46.0 | 237.3 | 18.4 | 15.5 | 10.0 | 322.8 | 323.4 | 0.2 | 18.1 | 16.8 | 63. |
| 22.5 | 76.3 | 7920.3 | 350.0 | -33.2 | -48.6 | 231.6 | 19.3 | 13.5 | 10.7 | 324.0 | 325.3 | 0.4 | 57.8 | 18.4 | 62. |
| 24.7 | 84.9 | 8478.9 | 325.0 | -35.9 | -49.2 | 235.6 | 19.0 | 15.7 | 10.7 | 327.2 | 327.8 | 0.1 | 26.5 | 20.6 | 61. |
| 26.1 | 88.7 | 8926.5 | 300.0 | -40.7 | -49.9 | 240.9 | 19.0 | 16.6 | 9.2 | 328.1 | 329.9 | 99.9 | 99.9 | 23.1 | 61. |
| 28.3 | 92.5 | 9477.2 | 275.0 | -45.2 | -49.9 | 240.5 | 20.3 | 17.6 | 10.0 | 329.8 | 329.9 | 99.9 | 99.9 | 25.7 | 61. |
| 30.3 | 97.0 | 10064.1 | 250.0 | -49.1 | -49.9 | 240.5 | 21.9 | 19.1 | 10.8 | 333.0 | 333.0 | 99.9 | 99.9 | 28.0 | 61. |
| 32.1 | 107.2 | 11177.4 | 225.0 | -54.1 | -49.9 | 240.7 | 20.2 | 17.6 | 9.9 | 335.4 | 335.4 | 99.9 | 99.9 | 30.4 | 61. |
| 36.5 | 126.7 | 12123.9 | 200.0 | -59.5 | -49.9 | 234.8 | 24.2 | 19.8 | 13.9 | 338.5 | 338.5 | 99.9 | 99.9 | 33.4 | 60. |
| 40.4 | 113.0 | 12761.4 | 175.0 | -57.6 | -49.9 | 241.7 | 24.8 | 21.9 | 11.8 | 334.9 | 334.9 | 99.9 | 99.9 | 37.7 | 60. |
| 42.7 | 119.5 | 13340.8 | 150.0 | -55.6 | -49.9 | 246.6 | 26.4 | 24.2 | 10.5 | 374.4 | 374.4 | 99.9 | 99.9 | 42.6 | 60. |
| 46.2 | 126.7 | 15395.6 | 125.0 | -59.0 | -49.9 | 247.6 | 23.4 | 21.7 | 8.9 | 368.1 | 368.1 | 99.9 | 99.9 | 46.0 | 61. |
| 50.7 | 134.6 | 16446.5 | 100.0 | -61.6 | -49.9 | 258.4 | 19.3 | 18.9 | 3.9 | 408.4 | 408.4 | 99.9 | 99.9 | 55.5 | 62. |
| 55.9 | 144.7 | 17240.7 | 75.0 | -63.5 | -49.9 | 283.7 | 9.6 | 9.3 | -2.3 | 439.9 | 439.9 | 99.9 | 99.9 | 57.6 | 62. |
| 62.3 | 156.0 | 20755.7 | 50.0 | -59.5 | -49.9 | 80.3 | 3.6 | -3.7 | -0.6 | 503.3 | 503.3 | 99.9 | 99.9 | 58.3 | 62. |
| 73.3 | 167.3 | 23237.7 | 25.0 | -47.3 | -49.9 | 195.1 | 0.7 | 0.2 | 0.7 | 668.6 | 668.6 | 99.9 | 99.9 | 60.8 | 67. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 270
EL PASO, TEXAS19 APRIL 1979
2305 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX QTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 17.7 | 1193.0 | 878.7 | 25.9 | 0.5 | <80.0 | 5.1 | 5.0 | -0.9 | 310.3 | 323.7 | 4.5 | 19.0 | 0.0 | 0. |
| 99.0 | 99.9 | 1000.0 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.0 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.0 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.0 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.0 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.0 | 99.9 | 99.9 | 875.0 | 25.0* | 4.1 | 266.1 | 8.2 | 8.2 | 0.6 | 309.7 | 326.7 | 5.9 | 25.9 | 0.4 | 81. |
| 0.1 | 18.1 | 1230.0 | 875.0 | 21.3 | 1.3 | 260.6 | 8.0 | 7.9 | 1.3 | 308.5 | 322.8 | 4.9 | 26.5 | 0.8 | 81. |
| 1.3 | 20.5 | 1492.2 | 850.0 | 19.1 | 0.4 | 247.9 | 7.2 | 6.7 | 2.7 | 308.8 | 322.8 | 4.8 | 28.5 | 1.3 | 80. |
| 2.5 | 22.9 | 1719.5 | 825.0 | 16.6 | -0.6 | 218.9 | 9.8 | 9.1 | 3.5 | 308.8 | 322.3 | 4.6 | 31.1 | 1.7 | 77. |
| 3.4 | 25.5 | 2002.6 | 800.0 | 13.9 | -1.4 | 252.6 | 10.9 | 10.4 | 3.3 | 308.7 | 321.7 | 4.5 | 34.7 | 2.6 | 73. |
| 4.8 | 28.0 | 2271.4 | 775.0 | 11.4 | -2.6 | 262.1 | 9.9 | 9.8 | 1.4 | 308.9 | 321.3 | 4.2 | 37.6 | 3.5 | 75. |
| 6.3 | 30.5 | 2566.7 | 750.0 | 8.4 | -1.8 | 261.1 | 10.2 | 10.0 | 1.6 | 308.6 | 322.1 | 4.6 | 48.7 | 4.5 | 77. |
| 7.9 | 31.2 | 2828.5 | 725.0 | 5.8 | -2.4 | 255.8 | 13.4 | 13.0 | 3.3 | 308.9 | 321.9 | 4.5 | 56.2 | 5.1 | 77. |
| 8.4 | 35.8 | 3117.3 | 700.0 | 3.2 | -3.7 | 251.5 | 13.1 | 12.4 | 4.2 | 309.2 | 321.8 | 4.3 | 60.5 | 5.9 | 76. |
| 9.4 | 34.5 | 3413.8 | 675.0 | 0.1 | -4.5 | 250.7 | 12.2 | 11.5 | 4.0 | 309.1 | 321.5 | 4.2 | 70.8 | 6.8 | 76. |
| 11.0 | 41.2 | 3718.4 | 650.0 | 0.1 | -7.1 | 249.8 | 12.6 | 11.8 | 4.4 | 309.4 | 320.1 | 3.6 | 71.3 | 7.7 | 75. |
| 12.2 | 44.0 | 4031.5 | 625.0 | -2.7 | -7.1 | 249.8 | 12.6 | 11.8 | 4.4 | 309.4 | 320.1 | 3.6 | 71.3 | 7.7 | 75. |
| 13.5 | 46.9 | 4354.1 | 600.0 | -4.8 | -12.7 | 253.5 | 14.0 | 13.4 | 4.0 | 310.6 | 318.0 | 2.4 | 53.7 | 8.7 | 75. |
| 14.5 | 49.8 | 4688.5 | 575.0 | -5.6 | -34.7 | 253.0 | 16.9 | 16.2 | 4.9 | 313.4 | 314.6 | 0.3 | 7.9 | 9.6 | 75. |
| 15.5 | 52.9 | 5076.7 | 550.0 | -6.3 | -37.6 | 249.4 | 17.2 | 16.1 | 6.0 | 316.6 | 317.5 | 0.3 | 8.1 | 10.7 | 74. |
| 16.9 | 55.9 | 5398.5 | 525.0 | -8.9 | -39.3 | 247.4 | 17.1 | 15.8 | 6.6 | 317.7 | 318.5 | 0.2 | 6.4 | 12.1 | 74. |
| 18.5 | 59.9 | 5774.2 | 500.0 | -11.7 | -41.0 | 245.2 | 16.4 | 14.9 | 6.9 | 318.7 | 319.5 | 0.2 | 6.7 | 13.7 | 73. |
| 20.1 | 62.1 | 6164.3 | 475.0 | -13.1 | -40.8 | 243.5 | 16.3 | 14.6 | 7.3 | 319.3 | 320.1 | 0.2 | 8.9 | 15.3 | 72. |
| 21.5 | 65.4 | 6570.1 | 450.0 | -19.1 | -41.9 | 240.2 | 16.0 | 13.9 | 8.0 | 319.3 | 320.1 | 0.2 | 11.1 | 16.7 | 71. |
| 23.0 | 68.7 | 6992.6 | 425.0 | -22.6 | -42.3 | 241.5 | 16.5 | 14.5 | 7.9 | 320.0 | 320.8 | 0.2 | 14.6 | 18.9 | 70. |
| 24.5 | 72.3 | 7436.1 | 400.0 | -26.2 | -36.7 | 247.4 | 17.3 | 15.9 | 6.6 | 320.9 | 322.7 | 0.5 | 43.5 | 19.5 | 70. |
| 26.0 | 75.7 | 7897.5 | 375.0 | -29.7 | -39.1 | 246.3 | 18.2 | 16.7 | 7.3 | 322.3 | 323.6 | 0.4 | 43.5 | 21.2 | 70. |
| 27.4 | 79.6 | 8385.4 | 350.0 | -34.0 | -43.3 | 247.7 | 19.0 | 17.6 | 7.2 | 322.9 | 323.8 | 0.2 | 38.2 | 23.1 | 69. |
| 29.4 | 83.5 | 8901.0 | 325.0 | -37.5 | -41.7 | 245.1 | 18.3 | 16.4 | 8.0 | 325.0 | 325.4 | 0.1 | 20.8 | 25.3 | 69. |
| 31.4 | 87.6 | 9447.8 | 300.0 | -42.1 | 99.9 | 244.0 | 18.5 | 16.7 | 8.1 | 326.0 | 999.9 | 99.9 | 999.9 | 27.4 | 69. |
| 33.7 | 91.9 | 10311.4 | 275.0 | -46.3 | 99.9 | 242.9 | 20.0 | 18.0 | 9.7 | 328.2 | 999.9 | 99.9 | 999.9 | 29.6 | 68. |
| 35.1 | 96.5 | 10657.4 | 250.0 | -51.4 | 99.9 | 242.9 | 21.4 | 18.0 | 9.7 | 329.6 | 999.9 | 99.9 | 999.9 | 32.3 | 68. |
| 34.7 | 101.2 | 11335.2 | 225.0 | -55.5 | 99.9 | 238.6 | 22.2 | 18.9 | 11.6 | 333.5 | 999.9 | 99.9 | 999.9 | 35.1 | 67. |
| 40.7 | 106.4 | 12079.2 | 200.0 | -59.1 | 99.9 | 241.4 | 21.8 | 19.1 | 10.4 | 339.2 | 999.9 | 99.9 | 999.9 | 38.6 | 67. |
| 43.1 | 112.0 | 12717.8 | 175.0 | -58.5 | 99.9 | 238.4 | 21.7 | 18.5 | 11.4 | 353.4 | 999.9 | 99.9 | 999.9 | 41.9 | 66. |
| 46.9 | 118.0 | 13691.0 | 150.0 | -57.1 | 99.9 | 250.7 | 25.5 | 24.1 | 8.4 | 371.6 | 999.9 | 99.9 | 999.9 | 46.8 | 66. |
| 50.4 | 124.9 | 15034.2 | 125.0 | -61.2 | 99.9 | 257.0 | 23.1 | 22.5 | 5.2 | 384.2 | 999.9 | 99.9 | 999.9 | 52.8 | 67. |
| 55.5 | 132.3 | 16115.5 | 100.0 | -63.7 | 99.9 | 264.8 | 16.2 | 16.1 | 1.5 | 404.6 | 999.9 | 99.9 | 999.9 | 58.4 | 68. |
| 61.0 | 141.0 | 18163.6 | 75.0 | -63.3 | 99.9 | 246.2 | 8.2 | 7.5 | 3.3 | 440.2 | 999.9 | 99.9 | 999.9 | 62.4 | 69. |
| 68.1 | 151.0 | 20671.9 | 50.0 | -59.0 | 99.9 | 301.4 | 6.3 | 5.4 | -3.3 | 504.5 | 999.9 | 99.9 | 999.9 | 63.8 | 69. |
| 79.6 | 161.5 | 25168.2 | 25.0 | -50.3 | 99.9 | 258.8 | 5.5 | 5.4 | 1.1 | 640.2 | 999.9 | 99.9 | 999.9 | 66.2 | 71. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 270
EL PASO, TEXAS

20 APRIL 1979
205 GMT

| TIME | CHCT | WEIGHT | PRES | TEMP | DEW PT | DIR | SPEED | U COMP | V COMP | POI T | E POI T | MI RTO | RM | RANGE | AZ |
|------|-------|---------|--------|-------|--------|-------|-------|--------|--------|-------|---------|--------|------|-------|-------|
| MM | | GM | IN | CG C | CG C | CG | M/SEC | M/SEC | M/SEC | CG K | CG K | CM/KG | PCT | KM | DEG |
| 0.0 | 17.2 | 1193.0 | 878.4 | 23.8 | -2.7 | 270.0 | 4.1 | 4.1 | 0.0 | 308.2 | 318.7 | 3.6 | 17.0 | 0.0 | 0. |
| 00.9 | 90.9 | 90.9 | 1000.0 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 900.9 | 900.9 |
| 00.9 | 90.9 | 90.9 | 975.0 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 900.9 | 900.9 |
| 00.9 | 90.9 | 90.9 | 950.0 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 900.9 | 900.9 |
| 00.9 | 90.9 | 90.9 | 925.0 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 900.9 | 900.9 |
| 00.9 | 90.9 | 90.9 | 900.0 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 900.9 | 900.9 |
| 00.9 | 90.9 | 90.9 | 875.0 | 23.9 | -3.0 | 270.0 | 4.5 | 4.4 | -0.8 | 308.7 | 319.1 | 3.5 | 16.5 | 3.1 | 41. |
| 0.1 | 17.5 | 1220.9 | 875.0 | 23.9 | -3.0 | 270.0 | 4.5 | 4.4 | -0.8 | 308.7 | 319.1 | 3.5 | 16.5 | 3.1 | 41. |
| 1.0 | 20.0 | 1479.1 | 850.0 | 22.1 | -4.8 | 293.3 | 4.7 | 4.3 | -1.9 | 309.3 | 318.7 | 3.1 | 18.0 | 0.3 | 108. |
| 2.0 | 22.5 | 1737.0 | 825.0 | 19.9 | -4.4 | 293.3 | 6.0 | 5.5 | -2.4 | 309.6 | 319.6 | 3.4 | 19.0 | 0.6 | 110. |
| 3.4 | 25.0 | 2000.3 | 800.0 | 17.3 | -5.5 | 291.0 | 6.5 | 6.1 | -2.3 | 309.7 | 319.1 | 3.2 | 20.4 | 0.9 | 111. |
| 3.4 | 27.6 | 2269.8 | 775.0 | 14.6 | -5.6 | 287.6 | 7.2 | 6.9 | -2.2 | 309.6 | 319.3 | 3.3 | 24.2 | 1.3 | 110. |
| 4.7 | 30.1 | 2545.4 | 750.0 | 11.9 | -5.9 | 292.2 | 7.5 | 7.0 | -2.6 | 309.5 | 319.3 | 3.3 | 28.3 | 1.7 | 110. |
| 5.7 | 32.4 | 2427.7 | 725.0 | 9.1 | -5.2 | 288.6 | 7.3 | 6.9 | -2.3 | 309.4 | 320.1 | 3.6 | 36.0 | 2.2 | 111. |
| 6.5 | 35.4 | 3112.1 | 700.0 | 6.4 | -5.3 | 269.5 | 9.9 | 9.9 | 0.1 | 309.5 | 320.5 | 3.7 | 43.0 | 2.5 | 109. |
| 7.4 | 39.1 | 3413.8 | 675.0 | 7.5 | -5.4 | 259.2 | 13.0 | 12.8 | 2.4 | 309.6 | 320.6 | 3.8 | 52.1 | 3.4 | 104. |
| 8.8 | 40.9 | 3719.8 | 650.0 | 0.9 | -7.2 | 249.4 | 11.8 | 11.0 | 4.1 | 310.0 | 320.2 | 3.4 | 56.7 | 4.1 | 96. |
| 10.1 | 43.7 | 4032.5 | 625.0 | -2.0 | -12.6 | 247.3 | 14.1 | 13.0 | 5.4 | 310.2 | 317.5 | 2.4 | 46.7 | 6.9 | 92. |
| 11.1 | 46.6 | 4355.4 | 600.0 | -4.7 | -23.3 | 245.3 | 14.9 | 13.6 | 6.3 | 310.7 | 314.0 | 1.0 | 22.7 | 5.9 | 87. |
| 12.1 | 49.5 | 4699.8 | 575.0 | -5.1 | -34.4 | 253.6 | 15.2 | 14.5 | 4.3 | 314.0 | 314.8 | 0.2 | 5.7 | 6.7 | 85. |
| 13.0 | 52.4 | 5037.9 | 550.0 | -6.8 | -40.2 | 259.7 | 15.6 | 15.1 | 2.8 | 316.1 | 316.8 | 0.2 | 4.9 | 7.4 | 84. |
| 14.1 | 55.4 | 5373.2 | 525.0 | -9.7 | -42.9 | 257.9 | 15.4 | 15.1 | 3.2 | 316.7 | 317.3 | 0.2 | 6.7 | 8.4 | 84. |
| 15.1 | 58.4 | 5773.2 | 500.0 | -12.9 | -44.5 | 255.3 | 14.4 | 13.9 | 3.7 | 317.3 | 317.9 | 0.1 | 5.0 | 9.4 | 83. |
| 16.4 | 61.9 | 6142.0 | 475.0 | -16.1 | -44.7 | 258.3 | 13.6 | 13.3 | 2.6 | 318.1 | 318.6 | 0.1 | 6.4 | 10.4 | 82. |
| 17.1 | 65.1 | 6568.9 | 450.0 | -19.8 | -33.7 | 256.5 | 14.6 | 14.2 | 3.4 | 318.3 | 320.1 | 0.5 | 29.5 | 11.8 | 82. |
| 18.6 | 68.4 | 6988.9 | 425.0 | -23.0 | -34.2 | 253.2 | 16.7 | 16.1 | 4.3 | 319.6 | 321.3 | 0.5 | 35.0 | 13.1 | 81. |
| 21.0 | 71.9 | 7430.4 | 400.0 | -26.4 | -42.2 | 257.0 | 13.2 | 12.8 | 3.0 | 320.7 | 321.6 | 0.2 | 20.6 | 14.4 | 80. |
| 22.5 | 75.5 | 7833.0 | 375.0 | -30.8 | -45.6 | 255.1 | 12.6 | 12.2 | 3.2 | 320.9 | 321.5 | 0.2 | 21.4 | 15.6 | 80. |
| 24.0 | 79.3 | 8379.3 | 350.0 | -34.4 | -48.9 | 249.0 | 13.4 | 12.5 | 4.6 | 322.3 | 322.8 | 0.1 | 21.1 | 16.8 | 80. |
| 25.1 | 83.2 | 8933.2 | 325.0 | -39.2 | -53.1 | 245.3 | 13.3 | 12.1 | 5.6 | 324.1 | 324.4 | 0.1 | 18.9 | 18.1 | 79. |
| 27.0 | 87.2 | 9439.3 | 300.0 | -42.1 | 99.9 | 252.7 | 13.6 | 13.0 | 4.0 | 326.1 | 999.9 | 99.9 | 99.9 | 19.5 | 78. |
| 29.1 | 91.1 | 10022.4 | 275.0 | -46.9 | 99.9 | 261.4 | 14.1 | 14.0 | 2.1 | 327.3 | 999.9 | 99.9 | 99.9 | 21.1 | 78. |
| 31.7 | 95.4 | 10644.7 | 250.0 | -51.9 | 99.9 | 259.4 | 15.2 | 14.9 | 2.8 | 329.0 | 999.9 | 99.9 | 99.9 | 23.0 | 78. |
| 34.1 | 100.6 | 11323.4 | 225.0 | -56.0 | 99.9 | 246.9 | 16.1 | 14.9 | 6.3 | 332.7 | 999.9 | 99.9 | 99.9 | 25.2 | 78. |
| 36.4 | 105.4 | 12045.6 | 200.0 | -59.5 | 99.9 | 247.5 | 21.4 | 19.6 | 8.2 | 338.5 | 999.9 | 99.9 | 99.9 | 27.7 | 77. |
| 39.1 | 111.3 | 12746.2 | 175.0 | -57.2 | 99.9 | 244.2 | 20.9 | 18.8 | 9.1 | 335.5 | 999.9 | 99.9 | 99.9 | 30.9 | 76. |
| 42.1 | 117.3 | 13446.0 | 150.0 | -57.2 | 99.9 | 253.5 | 22.4 | 21.5 | 6.4 | 371.5 | 999.9 | 99.9 | 99.9 | 35.1 | 75. |
| 45.7 | 123.4 | 14333.4 | 125.0 | -59.8 | 99.9 | 250.2 | 18.6 | 17.5 | 6.3 | 386.8 | 999.9 | 99.9 | 99.9 | 39.3 | 75. |
| 49.4 | 131.1 | 14416.4 | 100.0 | -63.6 | 99.9 | 253.2 | 14.9 | 14.3 | 4.3 | 404.9 | 999.9 | 99.9 | 99.9 | 43.5 | 74. |
| 53.7 | 139.7 | 15162.0 | 75.0 | -67.6 | 99.9 | 243.7 | 10.9 | 9.7 | 4.8 | 431.2 | 999.9 | 99.9 | 99.9 | 46.7 | 74. |
| 59.7 | 149.3 | 20647.7 | 50.0 | -60.4 | 99.9 | 306.5 | 6.7 | 5.3 | -0.0 | 501.3 | 999.9 | 99.9 | 99.9 | 49.5 | 75. |
| 70.2 | 159.5 | 25085.6 | 25.0 | -52.9 | 99.9 | 299.5 | 8.4 | 7.3 | -0.1 | 632.9 | 999.9 | 99.9 | 99.9 | 49.5 | 77. |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 270
EL PASO, TEXAS20 APRIL 1979
540 GMT

| TIME MIN | CNCT | WEIGHT GPM | PRES MM | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | J COMP M/SEC | V COMP M/SEC | POI T DEG K | E POI T DEG K | WX RTO CM/KG | RM PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|-----------------|-----------|-------------|-----------|
| 0.0 | 18.4 | 1193.0 | 879.6 | 15.3 | -3.1 | 320.0 | 2.6 | 1.7 | -2.0 | 299.2 | 309.1 | 3.5 | 28.0 | 3.0 | 0.0 |
| 0.0 | 90.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.1 | 18.9 | 1237.6 | 875.0 | 17.0 | -2.4 | 999.9 | 99.9 | 99.9 | 99.9 | 301.5 | 312.1 | 3.7 | 28.4 | 99.9 | 99.9 |
| 0.9 | 21.3 | 1486.7 | 850.0 | 19.7 | -1.7 | 999.9 | 99.9 | 99.9 | 99.9 | 306.8 | 318.4 | 4.0 | 23.5 | 99.9 | 99.9 |
| 1.5 | 23.7 | 1742.4 | 825.0 | 17.6 | -2.3 | 999.9 | 99.9 | 99.9 | 99.9 | 307.2 | 319.6 | 3.9 | 25.6 | 99.9 | 99.9 |
| 2.5 | 26.7 | 2003.9 | 800.0 | 15.2 | -2.8 | 304.2 | 10.1 | 8.4 | -5.7 | 307.4 | 318.6 | 3.9 | 29.8 | 1.3 | 135 |
| 3.1 | 29.8 | 2271.7 | 775.0 | 12.9 | -3.0 | 294.0 | 9.2 | 8.4 | -3.7 | 307.7 | 319.3 | 4.0 | 33.0 | 1.6 | 130 |
| 4.1 | 31.3 | 2546.0 | 750.0 | 10.5 | -3.3 | 262.3 | 9.2 | 9.0 | -2.0 | 308.0 | 319.7 | 4.0 | 37.7 | 2.2 | 127 |
| 5.1 | 33.9 | 2826.4 | 725.0 | 7.4 | -4.5 | 273.0 | 9.8 | 9.6 | -0.5 | 308.4 | 319.4 | 3.7 | 46.3 | 3.2 | 115 |
| 6.7 | 36.5 | 3115.1 | 700.0 | 5.4 | -5.2 | 265.1 | 10.1 | 10.1 | 3.6 | 308.5 | 319.5 | 3.7 | 54.5 | 3.7 | 105 |
| 7.1 | 39.3 | 3410.8 | 675.0 | 2.6 | -5.7 | 249.2 | 10.3 | 9.6 | 7.2 | 309.7 | 321.1 | 3.9 | 62.6 | 4.2 | 103 |
| 8.7 | 42.1 | 3715.1 | 650.0 | 0.6 | -5.7 | 232.5 | 11.9 | 9.4 | 9.7 | 310.0 | 320.9 | 3.7 | 70.5 | 4.6 | 94 |
| 9.7 | 44.9 | 4020.6 | 625.0 | -2.2 | -6.8 | 225.0 | 13.9 | 11.7 | 10.4 | 312.3 | 317.4 | 1.6 | 78.5 | 5.4 | 85 |
| 10.3 | 47.8 | 4352.3 | 600.0 | -3.3 | -17.8 | 228.4 | 15.6 | 11.5 | 7.7 | 313.5 | 316.2 | 0.8 | 86.8 | 6.4 | 80 |
| 11.5 | 50.5 | 4697.7 | 575.0 | -5.6 | -25.6 | 236.3 | 13.8 | 9.6 | 2.2 | 315.4 | 317.9 | 0.6 | 94.0 | 7.2 | 78 |
| 12.9 | 53.6 | 5035.2 | 550.0 | -7.4 | -29.5 | 256.9 | 9.8 | 9.1 | 0.6 | 316.1 | 317.9 | 0.5 | 103.3 | 8.9 | 79 |
| 14.1 | 56.7 | 5375.3 | 525.0 | -10.3 | -31.0 | 266.5 | 9.1 | 11.6 | 2.2 | 317.0 | 318.5 | 0.4 | 112.2 | 10.0 | 78 |
| 15.1 | 59.9 | 5748.9 | 500.0 | -13.2 | -34.1 | 259.2 | 11.9 | 16.4 | 4.2 | 317.9 | 319.7 | 0.5 | 122.2 | 11.5 | 78 |
| 16.7 | 63.0 | 6157.4 | 475.0 | -16.2 | -32.8 | 253.7 | 16.9 | 16.1 | 5.2 | 318.8 | 320.4 | 0.4 | 132.3 | 13.0 | 77 |
| 18.3 | 66.3 | 6561.8 | 450.0 | -19.4 | -34.7 | 252.2 | 16.9 | 14.0 | 4.7 | 319.4 | 320.5 | 0.3 | 142.5 | 14.3 | 77 |
| 19.7 | 69.7 | 6963.4 | 425.0 | -23.1 | -38.6 | 251.5 | 14.8 | 14.0 | 3.6 | 321.3 | 322.0 | 0.2 | 152.4 | 15.6 | 77 |
| 21.5 | 73.2 | 7425.0 | 400.0 | -26.0 | -44.1 | 255.6 | 14.4 | 10.7 | 3.1 | 322.6 | 323.2 | 0.1 | 162.5 | 16.6 | 77 |
| 23.7 | 76.9 | 7895.9 | 375.0 | -29.4 | -47.5 | 254.0 | 11.1 | 10.0 | 3.0 | 324.3 | 324.7 | 0.1 | 172.5 | 17.8 | 76 |
| 26.4 | 80.5 | 8378.3 | 350.0 | -33.0 | -50.1 | 258.0 | 10.5 | 11.8 | 2.5 | 325.5 | 325.8 | 0.1 | 182.5 | 19.2 | 77 |
| 28.5 | 84.5 | 8978.9 | 325.0 | -37.1 | -53.3 | 258.0 | 13.1 | 13.0 | 1.6 | 326.7 | 326.7 | 99.9 | 192.5 | 21.1 | 77 |
| 29.4 | 88.5 | 9482.3 | 300.0 | -41.9 | -56.9 | 262.0 | 14.5 | 14.3 | 1.9 | 328.3 | 328.3 | 99.9 | 202.5 | 23.2 | 78 |
| 30.7 | 92.8 | 10026.2 | 275.0 | -46.2 | -59.9 | 266.4 | 16.6 | 16.6 | 1.0 | 329.6 | 329.6 | 99.9 | 212.5 | 25.7 | 79 |
| 33.3 | 97.4 | 10652.3 | 250.0 | -51.5 | -59.9 | 258.9 | 17.7 | 17.4 | 3.4 | 330.8 | 330.8 | 99.9 | 222.5 | 28.3 | 78 |
| 35.5 | 102.2 | 11327.1 | 225.0 | -57.2 | -59.9 | 251.0 | 19.9 | 18.8 | 6.5 | 335.1 | 335.1 | 99.9 | 232.5 | 32.0 | 77 |
| 37.3 | 107.6 | 12163.3 | 200.0 | -61.7 | -59.9 | 248.5 | 22.3 | 20.8 | 8.2 | 338.2 | 338.2 | 99.9 | 242.5 | 36.0 | 76 |
| 40.7 | 113.3 | 12997.9 | 175.0 | -58.0 | -59.9 | 252.9 | 18.8 | 18.0 | 5.5 | 341.6 | 341.6 | 99.9 | 252.5 | 39.8 | 76 |
| 43.1 | 119.3 | 13872.1 | 150.0 | -57.2 | -59.9 | 254.3 | 19.2 | 19.2 | 5.4 | 343.7 | 343.7 | 99.9 | 262.5 | 43.8 | 76 |
| 47.9 | 126.3 | 15016.8 | 125.0 | -61.5 | -59.9 | 254.3 | 17.3 | 16.7 | 4.7 | 406.0 | 406.0 | 99.9 | 272.5 | 50.0 | 75 |
| 52.2 | 134.3 | 16394.0 | 100.0 | -63.0 | -59.9 | 999.9 | 99.9 | 99.9 | 99.9 | 435.5 | 435.5 | 99.9 | 282.5 | 99.9 | 99.9 |
| 57.3 | 143.7 | 18141.4 | 75.0 | -65.6 | -59.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 292.5 | 99.9 | 99.9 |
| 59.7 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 302.5 | 99.9 | 99.9 |
| 59.7 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 312.5 | 99.9 | 99.9 |

• BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 • BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 • BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 270
EL PASO, TEXAS
20 APRIL 1979
005 GMT

107 23. 0

| TIME MIN | CNCT | HEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | U M/SEC | V M/SEC | POT T DEG K | E POT T DEG K | NR CM/KG | RM PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|------------|------------|----------------|------------------|-------------|-----------|-------------|-----------|
| 0.0 | 16.5 | 1193.0 | 880.0 | 13.8 | -1.0 | 220.0 | 2.6 | 1.7 | 2.0 | 297.6 | 308.4 | 3.8 | 36.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.2 | 19.3 | 1241.4 | 875.0 | 19.1 | -1.6 | 999.9 | 99.9 | 99.9 | 99.9 | 303.6 | 314.9 | 3.9 | 24.6 | 999.9 | 99.9 |
| 1.1 | 21.5 | 1490.7 | 850.0 | 19.1 | -2.9 | 999.9 | 99.9 | 99.9 | 99.9 | 306.1 | 316.9 | 3.7 | 22.6 | 999.9 | 99.9 |
| 2.0 | 24.1 | 1745.9 | 825.0 | 17.0 | -4.0 | 999.9 | 99.9 | 99.9 | 99.9 | 306.5 | 316.7 | 3.4 | 23.5 | 0.6 | 135. |
| 2.9 | 26.6 | 2007.1 | 800.0 | 14.9 | -4.2 | 301.0 | 9.2 | 7.9 | -4.7 | 307.0 | 317.3 | 3.5 | 26.5 | 1.0 | 132. |
| 4.0 | 29.7 | 2274.5 | 775.0 | 12.5 | -3.9 | 286.2 | 10.0 | 9.6 | -3.6 | 307.3 | 316.1 | 3.7 | 31.6 | 1.6 | 124. |
| 5.1 | 31.7 | 2540.2 | 750.0 | 9.9 | -4.4 | 290.9 | 10.1 | 9.5 | -3.6 | 307.3 | 315.2 | 3.7 | 36.1 | 2.2 | 119. |
| 6.2 | 34.4 | 2920.6 | 725.0 | 7.2 | -4.1 | 284.8 | 9.6 | 9.2 | -2.4 | 307.4 | 315.8 | 3.9 | 44.3 | 2.9 | 117. |
| 7.3 | 37.1 | 3116.1 | 700.0 | 4.8 | -5.5 | 282.1 | 8.6 | 8.4 | -1.6 | 307.8 | 316.5 | 3.6 | 47.2 | 3.5 | 114. |
| 8.9 | 39.9 | 3411.3 | 675.0 | 2.1 | -7.3 | 254.3 | 8.0 | 7.7 | 2.2 | 306.1 | 317.8 | 3.3 | 49.6 | 4.0 | 112. |
| 9.7 | 42.7 | 3715.4 | 650.0 | 0.1 | -4.6 | 232.5 | 10.1 | 8.0 | 6.1 | 309.1 | 321.6 | 4.3 | 72.1 | 4.4 | 105. |
| 10.9 | 45.5 | 4028.6 | 625.0 | -2.5 | -5.0 | 226.8 | 12.7 | 9.3 | 8.7 | 309.6 | 322.1 | 4.2 | 82.0 | 4.9 | 98. |
| 12.0 | 48.4 | 4352.4 | 600.0 | -5.4 | -5.0 | 231.0 | 14.7 | 11.4 | 9.3 | 312.3 | 318.5 | 2.0 | 40.4 | 5.6 | 90. |
| 13.3 | 51.4 | 4597.7 | 575.0 | -8.4 | -29.3 | 244.0 | 13.2 | 11.6 | 5.8 | 313.6 | 315.6 | 0.6 | 13.1 | 6.5 | 84. |
| 14.5 | 54.4 | 5035.2 | 550.0 | -7.7 | -28.4 | 254.6 | 9.4 | 9.1 | 2.5 | 315.0 | 317.2 | 0.7 | 17.0 | 7.4 | 83. |
| 15.2 | 57.5 | 5195.0 | 525.0 | -10.7 | -30.8 | 264.7 | 7.6 | 7.5 | 0.7 | 315.6 | 317.5 | 0.6 | 17.3 | 8.0 | 83. |
| 17.4 | 60.4 | 5767.5 | 500.0 | -14.2 | -41.1 | 256.5 | 8.7 | 8.4 | 2.3 | 315.8 | 317.4 | 0.5 | 18.5 | 8.7 | 83. |
| 18.4 | 64.0 | 6154.5 | 475.0 | -17.0 | -34.3 | 249.7 | 11.6 | 10.9 | 4.0 | 317.0 | 316.5 | 0.4 | 20.5 | 9.5 | 81. |
| 19.4 | 67.4 | 6558.2 | 450.0 | -19.8 | -36.4 | 256.1 | 12.7 | 12.3 | 3.0 | 318.4 | 319.6 | 0.3 | 17.1 | 10.7 | 80. |
| 21.4 | 70.9 | 6979.7 | 425.0 | -22.8 | -41.1 | 263.1 | 12.6 | 11.6 | 1.5 | 319.7 | 320.6 | 0.2 | 16.9 | 11.9 | 80. |
| 23.7 | 74.4 | 7421.2 | 400.0 | -26.3 | -43.9 | 263.0 | 11.7 | 11.6 | 1.4 | 320.8 | 321.5 | 0.2 | 17.2 | 13.2 | 81. |
| 25.5 | 78.1 | 7844.4 | 375.0 | -30.2 | -47.0 | 258.0 | 11.1 | 10.9 | 2.3 | 321.6 | 322.1 | 0.1 | 17.5 | 14.4 | 81. |
| 27.5 | 82.9 | 8371.5 | 350.0 | -35.1 | -50.9 | 262.3 | 11.9 | 11.8 | 1.6 | 321.4 | 321.8 | 0.1 | 18.0 | 15.7 | 81. |
| 29.4 | 85.9 | 8916.3 | 325.0 | -38.1 | -52.6 | 265.3 | 14.9 | 14.6 | 1.5 | 324.2 | 324.6 | 0.1 | 19.6 | 17.3 | 81. |
| 31.7 | 90.2 | 9413.0 | 300.0 | -42.1 | -59.9 | 265.1 | 15.2 | 15.1 | 1.3 | 326.0 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 33.1 | 94.5 | 10016.2 | 275.0 | -46.8 | -66.8 | 268.1 | 16.0 | 16.0 | 0.5 | 327.5 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 34.1 | 99.2 | 10640.2 | 250.0 | -52.3 | -74.9 | 261.2 | 17.4 | 17.2 | 2.7 | 328.4 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 34.1 | 104.2 | 11317.1 | 225.0 | -54.4 | -79.9 | 252.8 | 17.9 | 17.1 | 5.3 | 329.0 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 41.3 | 109.4 | 12046.5 | 200.0 | -60.8 | -87.9 | 249.5 | 19.9 | 18.7 | 7.0 | 336.5 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 44.1 | 115.0 | 12879.6 | 175.0 | -67.9 | -99.9 | 235.9 | 20.3 | 19.4 | 6.0 | 344.4 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 47.7 | 121.3 | 13852.7 | 150.0 | -59.7 | -99.9 | 258.0 | 19.6 | 19.2 | 4.1 | 369.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 51.1 | 128.0 | 14794.4 | 125.0 | -61.0 | -99.9 | 251.0 | 22.5 | 21.3 | 7.3 | 384.6 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 56.9 | 135.7 | 16374.7 | 100.0 | -64.1 | -99.9 | 252.3 | 16.6 | 15.8 | 5.1 | 403.6 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 62.1 | 144.0 | 18122.6 | 75.0 | -61.7 | -99.9 | 266.4 | 10.9 | 10.6 | 0.7 | 443.6 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 70.7 | 153.5 | 20617.4 | 50.0 | -60.2 | -99.9 | 342.7 | 4.6 | 1.4 | -4.4 | 501.6 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 84.4 | 163.0 | 25054.8 | 25.0 | -46.0 | -99.9 | 35.3 | 3.7 | -2.1 | -3.0 | 652.4 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 270
EL PASO, TEXAS

20 APRIL 1979
1105 GMT

152 16. 0

| TIME MIN | CNTCT | HEIGHT GPM | PRES MM | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | J COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 19.5 | 1193.0 | 980.6 | 14.8 | -6.1 | 360.0 | 5.1 | 0.0 | -5.1 | 298.6 | 306.6 | 2.8 | 23.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999. |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999. |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999. |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999. |
| 99.9 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999. |
| 0.1 | 19.0 | 1247.0 | 875.0 | 16.3 | -3.1 | 21.1 | 9.6 | -3.5 | -9.0 | 300.7 | 310.7 | 3.5 | 26.3 | 0.2 | 205. |
| 0.2 | 21.6 | 1473.9 | 950.0 | 16.4 | -5.3 | 4.9 | 8.0 | -0.7 | -7.9 | 303.4 | 312.3 | 3.0 | 22.1 | 0.4 | 203. |
| 1.4 | 24.2 | 1746.8 | 825.0 | 15.2 | -6.6 | 356.9 | 11.2 | 0.6 | -11.2 | 304.7 | 313.1 | 2.8 | 21.6 | 0.8 | 186. |
| 2.7 | 26.7 | 2376.7 | 800.0 | 14.0 | -5.1 | 336.5 | 8.2 | 3.3 | -7.5 | 306.1 | 315.7 | 3.3 | 25.1 | 1.4 | 182. |
| 3.6 | 29.3 | 2773.1 | 775.0 | 11.6 | -5.4 | 312.2 | 8.8 | 6.5 | -5.9 | 306.3 | 316.1 | 3.3 | 29.9 | 1.8 | 172. |
| 4.7 | 32.0 | 2545.9 | 750.0 | 9.4 | -3.8 | 299.0 | 10.1 | 8.9 | -4.9 | 306.8 | 318.1 | 3.9 | 39.1 | 2.2 | 160. |
| 5.9 | 34.7 | 2425.9 | 725.0 | 6.9 | -5.7 | 294.3 | 9.9 | 9.0 | -4.1 | 307.1 | 317.2 | 3.4 | 40.0 | 2.7 | 150. |
| 6.7 | 37.3 | 3113.2 | 700.0 | 4.9 | -7.4 | 282.2 | 9.3 | 9.1 | -2.0 | 307.9 | 317.3 | 3.1 | 40.5 | 3.2 | 144. |
| 7.4 | 40.1 | 3408.9 | 675.0 | 2.7 | -5.4 | 256.4 | 9.7 | 9.4 | 2.3 | 308.7 | 319.9 | 3.8 | 55.0 | 3.6 | 136. |
| 8.5 | 43.0 | 3713.2 | 650.0 | 0.4 | -5.0 | 233.0 | 12.3 | 9.8 | 7.4 | 309.4 | 321.4 | 4.1 | 67.2 | 3.9 | 127. |
| 9.7 | 45.9 | 4027.1 | 625.0 | -1.6 | -6.8 | 225.3 | 15.3 | 10.9 | 10.8 | 310.6 | 321.6 | 3.7 | 67.5 | 4.0 | 114. |
| 10.7 | 48.5 | 4351.0 | 600.0 | -4.2 | -9.0 | 227.5 | 16.7 | 12.3 | 11.3 | 311.3 | 320.9 | 3.2 | 69.0 | 4.5 | 102. |
| 12.1 | 51.5 | 4685.9 | 575.0 | -5.8 | -21.4 | 238.2 | 14.8 | 12.6 | 7.8 | 313.2 | 317.2 | 1.2 | 29.7 | 5.3 | 93. |
| 13.3 | 54.9 | 5132.6 | 550.0 | -8.4 | -29.2 | 250.3 | 13.3 | 12.6 | 4.5 | 314.2 | 316.3 | 0.6 | 16.7 | 6.2 | 89. |
| 14.5 | 58.0 | 5391.4 | 525.0 | -11.2 | -30.3 | 242.4 | 11.3 | 10.0 | 5.2 | 315.0 | 316.9 | 0.6 | 18.7 | 7.0 | 86. |
| 15.1 | 61.1 | 5763.9 | 500.0 | -13.9 | -33.9 | 238.3 | 11.3 | 9.6 | 5.9 | 316.1 | 317.6 | 0.4 | 16.4 | 7.7 | 83. |
| 17.1 | 64.4 | 6151.3 | 475.0 | -16.8 | -36.4 | 250.7 | 11.9 | 11.3 | 3.9 | 317.2 | 318.4 | 0.4 | 16.3 | 8.7 | 81. |
| 19.5 | 67.9 | 6555.4 | 450.0 | -19.3 | -39.3 | 271.7 | 11.4 | 11.4 | -0.3 | 319.0 | 320.0 | 0.3 | 14.9 | 9.7 | 81. |
| 20.1 | 71.3 | 6978.7 | 425.0 | -22.0 | -41.4 | 278.6 | 9.8 | 9.7 | -1.5 | 320.8 | 321.6 | 0.2 | 15.2 | 10.6 | 83. |
| 21.4 | 74.9 | 7420.9 | 400.0 | -25.8 | -44.1 | 280.9 | 8.6 | 8.5 | -1.6 | 321.4 | 322.1 | 0.2 | 15.9 | 11.4 | 84. |
| 23.2 | 78.6 | 7934.5 | 375.0 | -30.1 | -47.2 | 272.1 | 8.9 | 8.9 | -0.3 | 321.8 | 322.3 | 0.1 | 16.8 | 12.2 | 85. |
| 24.4 | 82.4 | 8372.2 | 350.0 | -31.9 | -49.9 | 263.7 | 9.6 | 9.5 | 1.1 | 323.1 | 323.5 | 0.1 | 17.8 | 13.1 | 85. |
| 26.5 | 86.5 | 8997.2 | 325.0 | -34.1 | -52.9 | 264.3 | 10.6 | 10.6 | 1.0 | 324.2 | 324.5 | 0.1 | 19.3 | 14.1 | 85. |
| 28.1 | 90.7 | 9432.8 | 300.0 | -42.2 | 99.9 | 265.7 | 13.4 | 13.3 | 1.0 | 325.9 | 999.9 | 99.9 | 999.9 | 15.3 | 85. |
| 30.2 | 95.0 | 10015.2 | 275.0 | -47.2 | 99.9 | 262.4 | 15.0 | 14.9 | 2.0 | 326.9 | 999.9 | 99.9 | 999.9 | 17.0 | 85. |
| 32.5 | 99.9 | 10639.6 | 250.0 | -52.6 | 99.9 | 255.9 | 16.3 | 15.8 | 4.0 | 327.9 | 999.9 | 99.9 | 999.9 | 19.0 | 84. |
| 34.4 | 104.6 | 11310.4 | 225.0 | -58.4 | 99.9 | 248.5 | 19.0 | 17.6 | 7.0 | 329.0 | 999.9 | 99.9 | 999.9 | 21.5 | 83. |
| 37.1 | 110.7 | 12042.9 | 200.0 | -62.4 | 99.9 | 251.7 | 20.4 | 19.4 | 6.4 | 333.9 | 999.9 | 99.9 | 999.9 | 24.3 | 81. |
| 39.7 | 115.8 | 12971.5 | 175.0 | -60.4 | 99.9 | 257.2 | 23.5 | 22.9 | 5.2 | 350.2 | 999.9 | 99.9 | 999.9 | 27.9 | 80. |
| 43.2 | 122.7 | 13442.2 | 150.0 | -56.9 | 99.9 | 259.9 | 23.0 | 22.6 | 4.0 | 372.0 | 999.9 | 99.9 | 999.9 | 32.4 | 80. |
| 47.3 | 129.0 | 14299.8 | 125.0 | -59.7 | 99.9 | 256.8 | 24.6 | 24.0 | 5.8 | 386.9 | 999.9 | 99.9 | 999.9 | 38.3 | 80. |
| 51.3 | 137.0 | 16376.0 | 100.0 | -63.2 | 99.9 | 247.5 | 16.2 | 15.0 | 6.2 | 405.6 | 999.9 | 99.9 | 999.9 | 44.0 | 79. |
| 56.3 | 145.7 | 18129.3 | 75.0 | -63.4 | 99.9 | 287.9 | 12.8 | 12.2 | -3.9 | 440.0 | 999.9 | 99.9 | 999.9 | 48.5 | 79. |
| 63.7 | 155.7 | 20616.5 | 50.0 | -60.5 | 99.9 | 318.9 | 4.9 | 3.2 | -3.7 | 500.9 | 999.9 | 99.9 | 999.9 | 50.0 | 80. |
| 75.7 | 165.7 | 25053.5 | 25.0 | -48.3 | 99.9 | 320.9 | 2.8 | 1.8 | -2.2 | 646.1 | 999.9 | 99.9 | 999.9 | 50.2 | 83. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 327
NASHVILLE, TENNESSEE19 APRIL 1979
1104 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO CM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 6.6 | 180.0 | 1032.2 | 6.3 | 4.5 | 10.0 | 1.5 | -0.3 | -1.5 | 279.3 | 292.7 | 5.3 | 85.0 | 0.0 | 0. |
| 0.0 | 6.8 | 180.1 | 1000.0 | 7.0 | 3.2 | 999.9 | 99.9 | 99.9 | 99.9 | 280.1 | 292.6 | 4.8 | 77.8 | 999.9 | 999. |
| 0.7 | 9.1 | 409.4 | 975.0 | 12.8 | 2.0 | 999.9 | 99.9 | 99.9 | 99.9 | 288.1 | 300.2 | 4.6 | 47.8 | 999.9 | 999. |
| 1.6 | 11.5 | 527.1 | 950.0 | 11.6 | -1.1 | 999.9 | 99.9 | 99.9 | 99.9 | 289.0 | 299.1 | 3.7 | 41.2 | 999.9 | 999. |
| 2.4 | 13.9 | 649.8 | 925.0 | 11.7 | -0.7 | 999.9 | 99.9 | 99.9 | 99.9 | 291.3 | 297.0 | 2.0 | 21.3 | 999.9 | 999. |
| 3.4 | 16.4 | 1379.3 | 900.0 | 12.7 | -18.3 | 70.3 | 4.5 | -4.4 | -0.8 | 294.6 | 297.6 | 1.0 | 9.8 | 1.3 | 264. |
| 4.2 | 19.0 | 1318.7 | 875.0 | 11.6 | -20.6 | 50.5 | 4.8 | -4.0 | -2.7 | 295.8 | 298.4 | 0.8 | 9.7 | 1.6 | 262. |
| 5.0 | 21.5 | 1556.7 | 850.0 | 11.6 | -22.2 | 10.2 | 4.4 | -0.8 | -4.3 | 300.4 | 302.8 | 0.8 | 7.5 | 1.7 | 256. |
| 5.9 | 24.1 | 1305.6 | 825.0 | 11.1 | -22.5 | 350.8 | 4.0 | 0.6 | -4.0 | 300.4 | 302.8 | 0.8 | 7.6 | 1.8 | 249. |
| 6.9 | 26.7 | 2031.4 | 800.0 | 9.6 | -23.5 | 352.2 | 4.9 | 0.7 | -4.8 | 301.3 | 303.6 | 0.7 | 7.7 | 1.8 | 241. |
| 7.5 | 29.3 | 2323.5 | 775.0 | 7.8 | -24.5 | 15.4 | 3.0 | -0.8 | -2.9 | 302.2 | 304.3 | 0.7 | 7.9 | 2.0 | 235. |
| 8.9 | 32.0 | 2592.4 | 750.0 | 5.6 | -23.7 | 35.7 | 1.4 | -0.8 | -1.1 | 302.7 | 305.0 | 0.7 | 9.8 | 2.0 | 233. |
| 9.9 | 34.7 | 2908.3 | 725.0 | 3.7 | -22.8 | 15.8 | 2.4 | -0.7 | -2.3 | 303.5 | 306.2 | 0.8 | 12.4 | 2.1 | 232. |
| 10.7 | 37.4 | 3152.0 | 700.0 | 1.7 | -20.0 | 331.1 | 3.2 | 1.6 | -2.6 | 304.4 | 307.9 | 1.1 | 18.1 | 2.2 | 229. |
| 12.0 | 40.2 | 3444.2 | 675.0 | 0.3 | -23.2 | 286.2 | 4.3 | 4.2 | -1.2 | 306.0 | 308.8 | 0.9 | 15.0 | 2.2 | 223. |
| 13.0 | 43.1 | 3745.7 | 650.0 | -1.6 | -23.8 | 267.4 | 5.3 | 5.3 | 0.2 | 307.2 | 310.0 | 0.9 | 16.4 | 2.0 | 218. |
| 14.2 | 46.0 | 4056.6 | 625.0 | -3.7 | -23.6 | 243.6 | 5.5 | 4.9 | 2.4 | 308.3 | 311.2 | 0.9 | 19.5 | 1.8 | 207. |
| 15.4 | 49.9 | 4378.2 | 600.0 | -5.1 | -32.8 | 205.8 | 4.8 | 2.1 | 4.3 | 310.2 | 311.6 | 0.4 | 9.2 | 1.4 | 203. |
| 16.5 | 52.7 | 4710.8 | 575.0 | -7.4 | -34.4 | 191.5 | 3.5 | 0.7 | 3.4 | 311.3 | 312.5 | 0.4 | 9.3 | 1.1 | 203. |
| 17.8 | 55.0 | 5054.9 | 550.0 | -10.5 | -35.9 | 185.4 | 3.2 | 0.3 | 3.2 | 311.7 | 312.8 | 0.3 | 10.2 | 0.9 | 210. |
| 19.0 | 59.1 | 5413.8 | 525.0 | -13.7 | -38.7 | 216.2 | 4.5 | 2.7 | 3.6 | 312.0 | 312.8 | 0.3 | 9.9 | 0.7 | 215. |
| 20.3 | 61.4 | 5780.3 | 500.0 | -15.8 | -37.5 | 250.2 | 5.4 | 5.1 | 1.8 | 313.8 | 315.4 | 0.5 | 20.5 | 0.3 | 188. |
| 21.7 | 64.7 | 6155.3 | 475.0 | -19.2 | -34.8 | 256.9 | 6.0 | 5.8 | 1.4 | 315.5 | 316.9 | 0.4 | 21.5 | 0.5 | 117. |
| 23.1 | 69.0 | 6507.0 | 450.0 | -20.6 | -33.8 | 276.2 | 5.5 | 5.4 | -0.6 | 317.4 | 319.0 | 0.5 | 29.2 | 0.9 | 99. |
| 24.5 | 71.6 | 6936.8 | 425.0 | -24.3 | -28.8 | 279.9 | 5.6 | 5.5 | -1.0 | 317.8 | 320.6 | 0.8 | 66.5 | 1.4 | 108. |
| 26.0 | 75.1 | 7425.7 | 400.0 | -27.6 | -29.4 | 276.5 | 7.6 | 6.8 | -1.4 | 319.1 | 321.9 | 0.8 | 84.3 | 1.9 | 101. |
| 27.5 | 78.9 | 7893.9 | 375.0 | -29.8 | -31.5 | 311.1 | 11.1 | 8.4 | -1.3 | 322.1 | 324.6 | 0.7 | 85.0 | 2.7 | 109. |
| 29.3 | 82.7 | 8377.2 | 350.0 | -33.3 | -35.4 | 313.2 | 12.8 | 9.4 | -0.8 | 323.9 | 325.7 | 0.5 | 83.8 | 4.0 | 117. |
| 31.1 | 86.7 | 8933.5 | 325.0 | -37.5 | -40.6 | 313.9 | 11.5 | 8.3 | -0.8 | 325.0 | 326.2 | 0.3 | 72.0 | 5.4 | 121. |
| 33.4 | 90.8 | 9440.2 | 300.0 | -42.2 | 99.9 | 316.6 | 10.9 | 7.5 | -7.9 | 325.9 | 325.9 | 99.9 | 99.9 | 6.8 | 124. |
| 35.4 | 95.3 | 10322.6 | 275.0 | -47.3 | 99.9 | 320.0 | 11.2 | 7.2 | -8.6 | 324.7 | 324.7 | 99.9 | 99.9 | 8.1 | 127. |
| 37.8 | 99.8 | 10644.9 | 250.0 | -52.9 | 99.9 | 315.1 | 11.9 | 8.4 | -8.4 | 327.4 | 327.4 | 99.9 | 99.9 | 9.7 | 129. |
| 40.1 | 104.8 | 11314.8 | 225.0 | -59.0 | 99.9 | 305.6 | 13.2 | 10.7 | -7.7 | 328.1 | 328.1 | 99.9 | 99.9 | 11.5 | 129. |
| 42.3 | 110.0 | 12044.9 | 200.0 | -62.8 | 99.9 | 298.3 | 19.3 | 17.0 | -9.1 | 333.3 | 333.3 | 99.9 | 99.9 | 13.9 | 127. |
| 46.3 | 115.8 | 12442.9 | 175.0 | -65.7 | 99.9 | 304.6 | 24.5 | 20.1 | -13.9 | 341.5 | 341.5 | 99.9 | 99.9 | 18.1 | 126. |
| 49.5 | 122.7 | 13322.9 | 150.0 | -62.6 | 99.9 | 302.0 | 26.4 | 22.4 | -14.0 | 362.2 | 362.2 | 99.9 | 99.9 | 23.3 | 128. |
| 53.1 | 129.4 | 14733.4 | 125.0 | -62.8 | 99.9 | 291.0 | 29.8 | 27.8 | -10.7 | 381.2 | 381.2 | 99.9 | 99.9 | 29.9 | 123. |
| 59.5 | 136.7 | 16298.9 | 100.0 | -65.5 | 99.9 | 300.1 | 22.9 | 19.9 | -11.5 | 401.1 | 401.1 | 99.9 | 99.9 | 39.0 | 121. |
| 64.6 | 146.0 | 18335.8 | 75.0 | -65.1 | 99.9 | 298.5 | 14.3 | 12.6 | -6.8 | 436.3 | 436.3 | 99.9 | 99.9 | 44.7 | 121. |
| 72.5 | 156.5 | 20537.7 | 50.0 | -59.1 | 99.9 | 321.5 | 8.3 | 5.2 | -0.5 | 504.2 | 504.2 | 99.9 | 99.9 | 49.7 | 122. |
| 84.3 | 168.2 | 25008.4 | 25.0 | -47.2 | 99.9 | 280.4 | 10.6 | 10.5 | -1.9 | 649.0 | 649.0 | 99.9 | 99.9 | 54.9 | 121. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 327
NASHVILLE, TENNESSEE

19 APRIL 1979
1405 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTD GN/EG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 6.2 | 180.0 | 1003.5 | 14.0 | 6.8 | 70.0 | 3.6 | -3.4 | -1.2 | 286.9 | 303.1 | 6.2 | 62.0 | 0.0 | 0. |
| 0.1 | 6.5 | 209.5 | 1000.0 | 13.3 | 4.9 | 92.4 | 3.9 | -3.9 | 0.2 | 286.4 | 300.9 | 5.5 | 57.0 | 0.1 | 320. |
| 0.9 | 8.8 | 421.7 | 975.0 | 11.9 | 0.4 | 132.9 | 5.3 | -3.9 | 3.6 | 287.2 | 298.0 | 4.1 | 45.3 | 0.3 | 276. |
| 1.7 | 11.2 | 439.3 | 950.0 | 12.3 | -3.2 | 152.4 | 9.8 | -2.7 | 5.2 | 289.7 | 298.5 | 3.2 | 33.6 | 0.6 | 298. |
| 2.5 | 13.6 | 962.7 | 925.0 | 11.7 | -9.2 | 153.7 | 3.8 | -1.7 | 3.4 | 291.3 | 297.4 | 2.2 | 23.1 | 0.8 | 312. |
| 3.4 | 16.0 | 1391.5 | 900.0 | 12.3 | -16.7 | 117.9 | 2.2 | -2.9 | 1.0 | 294.2 | 297.6 | 1.1 | 11.5 | 0.9 | 314. |
| 4.2 | 19.5 | 1327.4 | 875.0 | 12.7 | -19.0 | 48.8 | 2.3 | -1.7 | -1.6 | 297.0 | 300.0 | 1.0 | 9.3 | 1.0 | 309. |
| 5.1 | 21.0 | 1570.0 | 850.0 | 12.3 | -20.0 | 358.1 | 3.2 | 0.1 | -3.2 | 299.0 | 301.8 | 0.9 | 8.8 | 0.9 | 301. |
| 6.1 | 21.5 | 1420.0 | 825.0 | 12.1 | -20.1 | 355.8 | 1.9 | 0.1 | -1.9 | 301.4 | 304.3 | 0.9 | 8.8 | 0.8 | 292. |
| 7.0 | 26.0 | 2976.5 | 809.0 | 10.6 | -21.0 | 344.2 | 1.2 | 0.3 | -1.1 | 302.4 | 305.2 | 0.9 | 8.9 | 0.8 | 287. |
| 7.3 | 28.6 | 2339.8 | 775.0 | 8.7 | -21.6 | 154.0 | 0.9 | -0.4 | 0.8 | 303.2 | 305.9 | 0.9 | 9.7 | 0.8 | 287. |
| 8.9 | 31.2 | 2619.4 | 740.0 | 6.4 | -21.5 | 196.8 | 0.6 | 0.2 | 0.5 | 303.5 | 306.4 | 0.9 | 11.4 | 0.8 | 290. |
| 9.9 | 33.9 | 2485.8 | 725.0 | 3.8 | -23.3 | 266.8 | 0.3 | 0.3 | 0.0 | 303.7 | 306.2 | 0.8 | 11.7 | 0.8 | 291. |
| 10.9 | 36.6 | 3169.6 | 700.0 | 1.78 | -23.9 | 297.6 | 2.2 | 1.9 | -1.0 | 304.3 | 309.9 | 99.9 | 99.9 | 0.8 | 289. |
| 11.4 | 39.3 | 3461.9 | 675.0 | -0.2 | -22.1 | 284.4 | 5.0 | 4.9 | -1.3 | 305.4 | 308.5 | 1.0 | 17.3 | 0.6 | 290. |
| 12.9 | 42.1 | 3762.4 | 650.0 | -2.1 | -20.0 | 278.5 | 5.0 | 4.9 | -0.7 | 306.6 | 310.4 | 1.2 | 23.9 | 0.2 | 307. |
| 14.0 | 45.1 | 4073.3 | 625.0 | -3.1 | -29.5 | 238.2 | 6.1 | 5.2 | 3.2 | 309.0 | 310.7 | 0.5 | 78.8 | 0.2 | 8. |
| 15.1 | 49.0 | 4395.5 | 600.0 | -4.7 | -30.6 | 239.6 | 8.9 | 7.7 | 4.5 | 310.7 | 312.3 | 0.5 | 11.0 | 0.7 | 50. |
| 16.2 | 51.1 | 4728.9 | 575.0 | -6.8 | -32.5 | 218.9 | 5.9 | 3.7 | 4.6 | 312.1 | 313.5 | 0.4 | 10.7 | 1.2 | 51. |
| 17.4 | 54.1 | 5374.0 | 550.0 | -9.6 | -34.1 | 221.9 | 5.5 | 3.7 | 4.1 | 312.7 | 314.8 | 0.4 | 11.4 | 1.6 | 47. |
| 19.5 | 57.3 | 5430.8 | 525.0 | -12.9 | -35.4 | 238.2 | 6.1 | 5.2 | 3.2 | 312.9 | 314.1 | 0.4 | 13.3 | 2.0 | 48. |
| 19.4 | 60.4 | 5931.1 | 500.0 | -15.4 | -28.7 | 250.7 | 6.0 | 5.7 | 2.0 | 314.3 | 316.7 | 0.7 | 30.6 | 2.6 | 51. |
| 21.0 | 63.9 | 6186.5 | 475.0 | -17.6 | -34.8 | 257.3 | 5.9 | 5.7 | 1.3 | 316.2 | 317.7 | 0.4 | 21.0 | 2.8 | 55. |
| 22.4 | 67.1 | 6589.8 | 450.0 | -20.0 | -28.4 | 265.4 | 5.4 | 5.3 | 0.4 | 318.1 | 320.8 | 0.8 | 46.8 | 3.2 | 58. |
| 23.9 | 70.6 | 7311.8 | 425.0 | -22.6 | -24.6 | 274.6 | 9.0 | 9.0 | -0.7 | 320.1 | 324.1 | 1.2 | 83.7 | 3.7 | 63. |
| 25.2 | 74.1 | 7454.0 | 400.0 | -25.7 | -26.0 | 291.7 | 10.5 | 9.8 | -3.9 | 321.6 | 325.4 | 1.1 | 97.5 | 4.4 | 70. |
| 26.7 | 77.8 | 7919.2 | 375.0 | -29.0 | -31.8 | 298.9 | 11.0 | 9.6 | -5.3 | 323.2 | 325.6 | 0.7 | 77.1 | 5.1 | 78. |
| 29.1 | 81.7 | 8408.8 | 350.0 | -33.2 | -36.6 | 286.4 | 9.5 | 9.1 | -2.7 | 324.0 | 325.7 | 0.5 | 71.2 | 5.9 | 84. |
| 30.0 | 85.7 | 8925.8 | 325.0 | -37.2 | -43.1 | 290.5 | 8.3 | 7.8 | -2.9 | 325.4 | 326.6 | 0.3 | 53.7 | 6.7 | 86. |
| 31.9 | 89.8 | 9473.2 | 300.0 | -41.8 | 99.9 | 305.1 | 7.4 | 6.0 | -4.2 | 326.4 | 329.9 | 99.9 | 99.9 | 7.5 | 90. |
| 33.4 | 94.2 | 10377.0 | 275.0 | -46.6 | 99.9 | 311.2 | 7.1 | 5.3 | -4.6 | 327.7 | 329.0 | 99.9 | 99.9 | 8.2 | 94. |
| 36.0 | 99.9 | 10941.3 | 250.0 | -52.2 | 99.9 | 301.3 | 7.4 | 6.4 | -3.9 | 328.5 | 329.9 | 99.9 | 99.9 | 9.0 | 97. |
| 39.4 | 103.6 | 11353.6 | 225.0 | -58.2 | 99.9 | 290.3 | 9.2 | 8.6 | -3.2 | 329.3 | 329.9 | 99.9 | 99.9 | 10.0 | 99. |
| 40.3 | 109.0 | 12047.0 | 200.0 | -62.1 | 99.9 | 297.3 | 15.4 | 13.7 | -7.1 | 334.4 | 334.4 | 99.9 | 99.9 | 11.8 | 101. |
| 43.7 | 114.6 | 12926.4 | 175.0 | -64.6 | 99.9 | 304.2 | 20.7 | 17.1 | -11.6 | 343.4 | 343.4 | 99.9 | 99.9 | 14.8 | 105. |
| 47.1 | 120.8 | 13950.5 | 150.0 | -62.5 | 99.9 | 298.1 | 28.3 | 22.3 | -11.9 | 362.5 | 362.5 | 99.9 | 99.9 | 19.8 | 110. |
| 51.0 | 127.5 | 14976.3 | 125.0 | -62.7 | 99.9 | 293.9 | 29.2 | 26.7 | -11.8 | 381.5 | 381.5 | 99.9 | 99.9 | 25.7 | 118. |
| 56.1 | 135.3 | 16343.7 | 100.0 | -65.2 | 99.9 | 296.2 | 23.2 | 20.8 | -10.2 | 401.7 | 401.7 | 99.9 | 99.9 | 33.6 | 112. |
| 62.0 | 144.0 | 18095.8 | 75.0 | -62.1 | 99.9 | 305.7 | 14.6 | 11.9 | -8.5 | 442.6 | 442.6 | 99.9 | 99.9 | 40.5 | 112. |
| 70.3 | 154.0 | 20607.6 | 50.0 | -58.7 | 99.9 | 325.1 | 6.2 | 3.6 | -5.1 | 505.1 | 505.1 | 99.9 | 99.9 | 44.1 | 115. |
| 83.2 | 185.0 | 25101.4 | 25.0 | -46.0 | 99.9 | 223.2 | 4.9 | 3.4 | 3.6 | 652.5 | 652.5 | 99.9 | 99.9 | 48.7 | 115. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
100-111-10

STATION NO. 327
NASHVILLE, TENNESSEE19 APRIL 1979
1700 GMT

| TIME MIN | CNCT | HEIGHT GPN | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP 4/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | WX QTO GM/KG | 3H PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 6.4 | 190.0 | 1003.0 | 19.0 | 4.4 | 350.0 | 4.1 | 0.7 | -4.0 | 291.9 | 306.0 | 5.2 | 38.0 | 0.0 | 0.0 |
| 0.1 | 6.7 | 203.7 | 1000.0 | 18.2 | 4.2 | 208.3 | 3.3 | 1.6 | -2.9 | 291.4 | 305.3 | 5.2 | 39.5 | 0.0 | 75.0 |
| 1.1 | 8.9 | 421.2 | 975.0 | 15.6 | 4.1 | 29.7 | 1.0 | -0.9 | -1.5 | 290.8 | 305.0 | 5.3 | 46.5 | 0.2 | 184.0 |
| 2.0 | 11.3 | 640.8 | 950.0 | 13.3 | 2.9 | 97.9 | 2.0 | -2.0 | 0.3 | 290.7 | 304.1 | 5.0 | 49.2 | 0.2 | 201.0 |
| 2.9 | 13.6 | 865.6 | 925.0 | 11.7 | 1.2 | 144.7 | 3.7 | -2.2 | 3.0 | 291.3 | 303.6 | 4.5 | 48.4 | 0.2 | 234.0 |
| 3.7 | 16.0 | 1092.9 | 900.0 | 9.6 | -0.5 | 148.1 | 4.4 | -2.3 | 3.7 | 291.4 | 302.7 | 4.1 | 49.3 | 0.3 | 244.0 |
| 4.5 | 19.5 | 1327.4 | 875.0 | 11.4 | -22.7 | 119.8 | 2.2 | -1.9 | 1.1 | 295.6 | 297.8 | 0.7 | 7.3 | 0.5 | 292.0 |
| 5.5 | 20.9 | 1564.9 | 850.0 | 11.0 | -25.5 | 40.4 | 2.0 | -1.3 | -1.6 | 297.6 | 299.4 | 0.6 | 5.8 | 0.5 | 290.0 |
| 4.5 | 23.4 | 1317.8 | 825.0 | 11.6 | -25.1 | 91.3 | 1.3 | -1.3 | 0.0 | 300.7 | 302.6 | 0.6 | 5.8 | 0.5 | 280.0 |
| 7.5 | 25.9 | 2373.7 | 800.0 | 9.9 | -21.2 | 175.1 | 0.9 | -0.1 | 0.9 | 301.7 | 304.4 | 0.9 | 9.2 | 0.6 | 282.0 |
| 4.5 | 24.4 | 2336.4 | 775.0 | 8.1 | -25.2 | 271.9 | 1.1 | 1.1 | -0.0 | 302.5 | 304.6 | 0.6 | 7.3 | 0.6 | 286.0 |
| 9.5 | 31.1 | 2475.5 | 750.0 | 5.9 | -26.5 | 260.8 | 1.6 | 1.8 | -0.3 | 303.0 | 304.9 | 0.6 | 7.5 | 0.5 | 283.0 |
| 10.5 | 33.7 | 2481.6 | 725.0 | 3.5 | -27.5 | 251.2 | 2.6 | 2.5 | 0.8 | 303.3 | 305.1 | 0.5 | 8.1 | 0.3 | 293.0 |
| 11.7 | 36.3 | 3164.8 | 700.0 | 0.9 | -24.6 | 266.8 | 3.4 | 3.4 | 0.2 | 303.5 | 305.9 | 0.7 | 12.0 | 0.2 | 328.0 |
| 12.4 | 39.1 | 3455.0 | 675.0 | -1.0 | -21.8 | 298.6 | 3.4 | 3.3 | -1.1 | 304.5 | 307.6 | 1.0 | 18.8 | 0.2 | 36.0 |
| 13.9 | 41.9 | 3755.8 | 650.0 | -2.9 | -17.8 | 281.8 | 3.8 | 3.7 | -0.8 | 305.7 | 310.2 | 1.4 | 30.4 | 0.3 | 82.0 |
| 15.1 | 44.7 | 4045.3 | 625.0 | -7.6 | -26.8 | 241.3 | 7.2 | 6.3 | 3.5 | 308.3 | 310.5 | 0.7 | 14.6 | 0.6 | 70.0 |
| 16.2 | 47.6 | 4348.5 | 600.0 | -4.4 | -34.4 | 226.0 | 9.8 | 7.0 | 6.8 | 311.0 | 312.2 | 0.3 | 7.4 | 1.3 | 65.0 |
| 17.5 | 50.5 | 4721.8 | 575.0 | -7.4 | -36.3 | 219.6 | 9.2 | 5.8 | 7.1 | 311.4 | 312.4 | 0.3 | 7.7 | 1.9 | 58.0 |
| 18.9 | 53.5 | 5165.1 | 550.0 | -10.5 | -37.6 | 223.2 | 9.2 | 6.3 | 6.7 | 311.7 | 312.6 | 0.3 | 9.6 | 2.6 | 52.0 |
| 20.1 | 56.5 | 5422.4 | 525.0 | -13.4 | -22.8 | 230.1 | 8.3 | 6.3 | 5.3 | 312.3 | 316.0 | 1.2 | 45.2 | 3.4 | 51.0 |
| 21.4 | 59.6 | 5791.2 | 500.0 | -16.7 | -20.4 | 248.7 | 7.5 | 7.0 | 2.7 | 312.7 | 317.5 | 1.5 | 73.7 | 4.0 | 51.0 |
| 22.9 | 62.9 | 6176.1 | 475.0 | -19.2 | -19.1 | 280.9 | 8.2 | 8.0 | -1.6 | 315.5 | 321.1 | 1.6 | 91.8 | 4.5 | 56.0 |
| 24.1 | 66.1 | 6579.2 | 450.0 | -19.8 | -20.8 | 287.0 | 9.6 | 9.1 | -2.8 | 318.6 | 323.8 | 1.6 | 90.5 | 5.0 | 63.0 |
| 25.7 | 69.6 | 7012.2 | 425.0 | -21.1 | -24.0 | 290.4 | 9.3 | 8.8 | -3.3 | 319.4 | 323.6 | 1.3 | 91.9 | 5.7 | 60.0 |
| 27.6 | 73.1 | 7482.4 | 400.0 | -26.5 | -27.9 | 282.4 | 9.3 | 9.0 | -2.0 | 320.5 | 323.7 | 1.0 | 87.9 | 6.4 | 75.0 |
| 29.1 | 76.7 | 7905.7 | 375.0 | -29.9 | -32.4 | 270.5 | 9.1 | 9.1 | -0.1 | 322.1 | 324.3 | 0.7 | 78.3 | 7.3 | 77.0 |
| 31.0 | 80.5 | 8393.6 | 350.0 | -31.6 | -34.8 | 274.2 | 9.2 | 9.1 | -0.7 | 323.4 | 324.7 | 0.4 | 59.4 | 8.3 | 79.0 |
| 33.0 | 84.4 | 8928.6 | 325.0 | -39.2 | -42.9 | 272.7 | 8.9 | 8.9 | -0.4 | 324.0 | 324.9 | 0.3 | 61.1 | 9.3 | 81.0 |
| 35.1 | 88.5 | 9458.6 | 300.0 | -42.5 | 99.9 | 265.3 | 8.1 | 8.1 | 0.7 | 325.5 | 325.9 | 99.9 | 99.9 | 10.4 | 82.0 |
| 37.2 | 92.8 | 10718.1 | 275.0 | -47.4 | 99.9 | 266.4 | 6.6 | 6.6 | 0.4 | 326.5 | 326.5 | 99.9 | 99.9 | 11.3 | 82.0 |
| 39.4 | 97.3 | 10658.3 | 250.0 | -53.1 | 99.9 | 273.0 | 6.8 | 6.8 | -0.4 | 327.2 | 327.2 | 99.9 | 99.9 | 12.1 | 82.0 |
| 41.4 | 102.0 | 11328.6 | 225.0 | -58.4 | 99.9 | 280.1 | 10.5 | 10.3 | -1.8 | 329.0 | 329.0 | 99.9 | 99.9 | 13.2 | 83.0 |
| 43.4 | 107.2 | 12062.3 | 200.0 | -62.9 | 99.9 | 294.8 | 15.1 | 13.7 | -6.4 | 333.2 | 333.2 | 99.9 | 99.9 | 15.3 | 87.0 |
| 47.5 | 112.9 | 12976.8 | 175.0 | -65.9 | 99.9 | 303.0 | 18.9 | 15.8 | -10.3 | 341.2 | 341.2 | 99.9 | 99.9 | 17.9 | 93.0 |
| 51.1 | 118.4 | 13816.3 | 150.0 | -64.0 | 99.9 | 291.4 | 26.3 | 24.4 | -9.6 | 359.8 | 359.8 | 99.9 | 99.9 | 21.9 | 97.0 |
| 55.3 | 125.5 | 14938.5 | 125.0 | -63.1 | 99.9 | 295.2 | 29.9 | 27.0 | -12.7 | 380.8 | 380.8 | 99.9 | 99.9 | 29.5 | 101.0 |
| 60.1 | 133.0 | 16302.3 | 100.0 | -65.9 | 99.9 | 304.6 | 21.4 | 17.6 | -12.2 | 400.4 | 400.4 | 99.9 | 99.9 | 36.5 | 105.0 |
| 65.7 | 141.7 | 19248.5 | 75.0 | -61.5 | 99.9 | 305.9 | 13.7 | 11.1 | -8.0 | 439.8 | 439.8 | 99.9 | 99.9 | 42.2 | 108.0 |
| 74.2 | 152.0 | 20556.9 | 50.0 | -57.9 | 99.9 | 316.7 | 6.1 | 4.1 | -4.4 | 507.1 | 507.1 | 99.9 | 99.9 | 45.8 | 110.0 |
| 87.5 | 163.5 | 25047.8 | 25.0 | -47.4 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 648.7 | 648.7 | 99.9 | 99.9 | 58.0 | 108.0 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 327
NASHVILLE, TENNESSEE

19 APRIL 1979
2005 GMT

164 13. 0

| TIME MIN | CNTCT | HEIGHT GMS | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | W RTO CM/KG | RM PCY | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|----------------|-----------|-------------|----------|
| 0.0 | 6.5 | 180.0 | 1000.5 | 21.4 | 9.3 | 340.0 | 3.6 | 1.2 | -3.4 | 294.5 | 314.3 | 7.4 | 46.8 | 0.0 | 0. |
| 0.0 | 6.6 | 154.3 | 1000.0 | 21.2 | 8.6 | 303.3 | 3.5 | 3.0 | -1.9 | 294.4 | 313.4 | 7.1 | 46.5 | 0.0 | 18. |
| 0.7 | 6.9 | 401.8 | 975.0 | 18.2 | 2.5 | 19.9 | 2.6 | -0.9 | -0.4 | 293.5 | 306.3 | 4.7 | 34.9 | 0.2 | 167. |
| 1.6 | 11.7 | 623.2 | 950.0 | 15.9 | 1.7 | 84.1 | 1.9 | -1.9 | -0.2 | 293.4 | 305.8 | 4.5 | 38.0 | 0.3 | 183. |
| 2.5 | 13.7 | 848.9 | 925.0 | 14.0 | 1.2 | 134.3 | 2.4 | -1.7 | 1.7 | 293.6 | 306.0 | 4.5 | 41.7 | 0.3 | 204. |
| 3.5 | 16.2 | 1079.4 | 900.0 | 13.0 | -6.3 | 213.3 | 2.4 | 1.4 | 2.0 | 293.0 | 302.8 | 2.8 | 25.4 | 0.2 | 232. |
| 4.3 | 18.6 | 1315.5 | 875.0 | 12.2 | -17.9 | 330.4 | 1.7 | 0.9 | -1.5 | 296.5 | 295.7 | 1.1 | 18.5 | 0.1 | 203. |
| 5.4 | 21.1 | 1557.4 | 850.0 | 11.2 | -20.5 | 271.0 | 0.9 | 0.9 | -0.0 | 297.9 | 300.6 | 0.9 | 9.0 | 0.2 | 201. |
| 6.3 | 23.6 | 1806.2 | 825.0 | 10.8 | -20.1 | 243.0 | 2.3 | 2.1 | 1.1 | 300.1 | 303.0 | 0.9 | 9.3 | 0.1 | 182. |
| 7.3 | 26.2 | 2361.7 | 800.0 | 9.6 | -20.9 | 224.9 | 2.8 | 2.8 | 2.8 | 301.4 | 304.2 | 0.9 | 9.6 | 0.1 | 117. |
| 8.3 | 28.9 | 2123.9 | 775.0 | 8.0 | -21.4 | 253.7 | 2.3 | 2.2 | 0.7 | 302.5 | 305.2 | 0.9 | 10.2 | 0.3 | 75. |
| 9.7 | 31.4 | 2523.3 | 750.0 | 6.2 | -22.1 | 305.5 | 2.1 | 1.7 | -1.2 | 303.3 | 306.0 | 0.9 | 11.0 | 0.3 | 85. |
| 10.4 | 34.1 | 2409.5 | 725.0 | 3.9 | -25.9 | 302.5 | 3.0 | 2.6 | -1.6 | 303.7 | 305.8 | 0.6 | 9.3 | 0.5 | 100. |
| 11.5 | 34.9 | 3153.3 | 700.0 | 1.8 | -22.1 | 296.8 | 2.8 | 2.5 | -1.3 | 304.4 | 307.9 | 1.1 | 17.9 | 0.7 | 104. |
| 12.5 | 39.7 | 3485.3 | 675.0 | -0.1 | -18.4 | 303.8 | 3.7 | 3.1 | -2.1 | 305.5 | 309.6 | 1.3 | 23.7 | 0.9 | 108. |
| 13.7 | 42.4 | 3746.4 | 650.0 | -1.9 | -15.7 | 282.8 | 4.1 | 4.0 | -0.9 | 306.9 | 312.2 | 1.7 | 33.9 | 1.1 | 111. |
| 14.8 | 45.3 | 4257.9 | 625.0 | -3.0 | -17.6 | 254.7 | 5.1 | 5.0 | 1.2 | 309.0 | 313.8 | 1.5 | 31.5 | 1.4 | 108. |
| 16.0 | 49.1 | 4380.1 | 600.0 | -5.2 | -14.7 | 252.2 | 6.9 | 6.6 | 2.1 | 310.1 | 316.4 | 2.8 | 47.0 | 1.8 | 98. |
| 17.7 | 51.4 | 4717.8 | 575.0 | -8.1 | -10.2 | 249.9 | 8.7 | 8.2 | 3.0 | 310.6 | 316.4 | 1.9 | 51.7 | 2.2 | 93. |
| 18.1 | 54.4 | 5356.4 | 550.0 | -11.4 | -16.2 | 242.3 | 9.6 | 8.5 | 4.5 | 310.6 | 316.7 | 2.0 | 67.5 | 2.8 | 87. |
| 19.4 | 57.6 | 5412.2 | 525.0 | -12.4 | -13.6 | 261.0 | 8.9 | 8.8 | 1.3 | 313.6 | 321.4 | 2.0 | 90.6 | 3.5 | 82. |
| 20.7 | 60.9 | 5744.2 | 500.0 | -14.4 | -15.1 | 293.8 | 8.0 | 7.3 | -3.2 | 315.5 | 322.9 | 2.4 | 94.4 | 4.1 | 81. |
| 22.1 | 64.1 | 6171.7 | 475.0 | -16.5 | -17.8 | 302.0 | 8.2 | 7.0 | -4.3 | 317.5 | 323.8 | 2.0 | 89.7 | 4.6 | 98. |
| 23.3 | 67.6 | 6576.4 | 450.0 | -19.4 | -20.5 | 289.6 | 8.8 | 8.3 | -2.9 | 318.9 | 324.2 | 1.7 | 90.9 | 5.2 | 93. |
| 24.7 | 71.0 | 6999.0 | 425.0 | -22.2 | -23.0 | 281.9 | 9.4 | 9.2 | -1.9 | 320.5 | 325.1 | 1.4 | 93.3 | 5.9 | 95. |
| 26.3 | 74.7 | 7441.6 | 400.0 | -24.0 | -26.7 | 269.4 | 9.5 | 9.5 | 0.1 | 321.3 | 324.8 | 1.1 | 93.2 | 6.8 | 95. |
| 27.7 | 78.3 | 7905.9 | 375.0 | -29.4 | -30.4 | 264.2 | 11.0 | 10.9 | 1.1 | 322.8 | 325.5 | 0.8 | 90.4 | 7.7 | 98. |
| 29.4 | 82.3 | 8398.4 | 350.0 | -33.4 | -35.4 | 269.5 | 11.9 | 11.9 | 0.1 | 323.7 | 325.6 | 0.5 | 82.0 | 8.8 | 92. |
| 31.1 | 86.3 | 8719.6 | 325.0 | -37.3 | -41.5 | 280.1 | 12.6 | 12.4 | -2.2 | 325.2 | 326.3 | 0.3 | 64.7 | 10.1 | 93. |
| 33.0 | 90.5 | 9458.2 | 300.0 | -41.7 | 99.9 | 287.8 | 12.5 | 11.9 | -3.8 | 326.6 | 327.3 | 99.9 | 99.9 | 11.5 | 94. |
| 35.1 | 95.0 | 10041.2 | 275.0 | -46.9 | 99.9 | 284.7 | 11.6 | 11.2 | -2.9 | 327.3 | 327.3 | 99.9 | 99.9 | 13.8 | 96. |
| 37.1 | 99.7 | 10465.1 | 250.0 | -53.0 | 99.9 | 282.2 | 10.4 | 10.2 | -2.2 | 327.2 | 327.2 | 99.9 | 99.9 | 14.3 | 98. |
| 39.4 | 104.6 | 11316.3 | 225.0 | -57.9 | 99.9 | 285.6 | 12.3 | 11.8 | -3.3 | 329.8 | 329.8 | 99.9 | 99.9 | 15.7 | 97. |
| 41.4 | 109.8 | 12071.5 | 200.0 | -62.2 | 99.9 | 295.3 | 16.5 | 15.0 | -7.1 | 334.3 | 334.3 | 99.9 | 99.9 | 17.8 | 99. |
| 44.5 | 115.6 | 12449.3 | 175.0 | -64.6 | 99.9 | 299.2 | 20.6 | 18.0 | -10.8 | 343.3 | 343.3 | 99.9 | 99.9 | 20.7 | 102. |
| 47.4 | 121.8 | 13836.3 | 150.0 | -65.4 | 99.9 | 290.7 | 25.5 | 22.4 | -12.3 | 362.5 | 362.5 | 99.9 | 99.9 | 25.0 | 104. |
| 51.4 | 128.7 | 14241.2 | 125.0 | -63.8 | 99.9 | 296.1 | 28.0 | 25.2 | -12.3 | 379.5 | 379.5 | 99.9 | 99.9 | 30.9 | 107. |
| 55.4 | 136.3 | 16319.6 | 100.0 | -66.2 | 99.9 | 295.5 | 21.0 | 19.0 | -9.1 | 409.9 | 409.9 | 99.9 | 99.9 | 37.5 | 109. |
| 59.4 | 145.0 | 17377.7 | 75.0 | -63.4 | 99.9 | 311.0 | 14.3 | 10.8 | -4.4 | 439.9 | 439.9 | 99.9 | 99.9 | 43.5 | 110. |
| 64.3 | 155.3 | 20593.4 | 50.0 | -57.7 | 99.9 | 318.7 | 8.4 | 9.6 | -4.3 | 507.5 | 507.5 | 99.9 | 99.9 | 47.2 | 112. |
| 61.3 | 166.0 | 25280.8 | 25.0 | -45.7 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 653.2 | 653.2 | 99.9 | 99.9 | 52.2 | 111. |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 327
 NASHVILLE, TENNESSEE

 19 APRIL 1979
 2300 GMT

| TIME MIN | CNCT | HEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | OIR DEG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DEG K | E POT T DEG K | MX RTC G/MKG | RH PCT | RANGE KM | AZ D- |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|-----------------|-----------|-------------|----------|
| 0.3 | 7.0 | 100.0 | 1000.0 | 21.4 | 8.3 | 340.0 | 2.6 | 0.9 | -2.4 | 294.6 | 313.1 | 6.9 | 43.0 | 0.0 | 0. |
| 00.3 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 0.7 | 7.9 | 398.1 | 975.0 | 18.9 | -1.3 | 49.7 | 2.9 | -2.2 | -1.9 | 204.2 | 304.2 | 3.6 | 25.4 | 0.1 | 183. |
| 1.4 | 10.8 | 620.1 | 950.0 | 17.4 | -3.7 | 68.1 | 3.0 | -2.8 | -1.1 | 294.9 | 303.5 | 3.1 | 23.3 | 0.2 | 223. |
| 2.1 | 12.4 | 940.8 | 925.0 | 15.4 | -1.5 | 50.9 | 4.0 | -3.1 | -2.5 | 295.1 | 303.4 | 3.7 | 31.1 | 0.4 | 230. |
| 3.2 | 14.9 | 1378.1 | 900.0 | 13.9 | -0.5 | 50.0 | 2.0 | -2.1 | -1.8 | 295.0 | 302.3 | 2.3 | 20.4 | 0.5 | 230. |
| 3.7 | 17.3 | 1314.6 | 875.0 | 12.7 | -10.4 | 110.6 | 0.8 | -0.8 | 0.3 | 297.0 | 300.1 | 1.0 | 9.6 | 0.6 | 229. |
| 4.9 | 19.2 | 1557.2 | 850.0 | 11.9 | -19.1 | 259.2 | 1.7 | 1.7 | 0.3 | 298.7 | 301.7 | 1.0 | 9.6 | 0.6 | 231. |
| 5.5 | 21.3 | 1575.9 | 825.0 | 10.4 | -21.8 | 318.6 | 3.5 | 2.3 | -2.6 | 299.6 | 302.1 | 0.8 | 8.4 | 0.5 | 218. |
| 6.6 | 23.5 | 2361.1 | 800.0 | 9.2 | -22.0 | 320.6 | 3.3 | 2.1 | -2.5 | 300.9 | 303.5 | 0.8 | 9.0 | 0.7 | 200. |
| 7.3 | 25.9 | 2323.1 | 775.0 | 7.8 | -21.7 | 282.4 | 2.0 | 2.0 | -0.4 | 302.2 | 304.9 | 0.9 | 10.1 | 0.7 | 187. |
| 8.1 | 28.1 | 2502.2 | 750.0 | 6.1 | -21.8 | 275.9 | 1.9 | 1.9 | -0.2 | 303.2 | 306.0 | 0.9 | 11.4 | 0.7 | 182. |
| 9.2 | 30.5 | 2488.6 | 725.0 | 4.0 | -19.4 | 286.7 | 2.8 | 2.7 | -0.6 | 304.6 | 307.3 | 1.1 | 16.1 | 0.8 | 172. |
| 10.2 | 32.9 | 3152.5 | 700.0 | 1.9 | -17.2 | 298.2 | 2.5 | 2.2 | -1.2 | 305.2 | 310.6 | 1.4 | 22.7 | 0.8 | 161. |
| 11.2 | 35.5 | 3645.7 | 675.0 | -3.4 | -16.9 | 298.2 | 3.4 | 3.1 | -1.5 | 306.4 | 314.1 | 2.6 | 51.3 | 1.1 | 149. |
| 12.2 | 38.7 | 3745.6 | 650.0 | -2.2 | -10.9 | 299.6 | 5.8 | 5.7 | -0.9 | 307.5 | 316.9 | 2.5 | 55.8 | 1.3 | 141. |
| 13.1 | 40.7 | 4045.0 | 625.0 | -4.4 | -11.8 | 275.9 | 8.2 | 8.1 | -0.8 | 308.1 | 317.1 | 3.4 | 80.5 | 1.7 | 129. |
| 14.4 | 43.6 | 4376.5 | 600.0 | -7.0 | -9.8 | 267.4 | 9.0 | 8.6 | -2.7 | 309.4 | 319.4 | 3.0 | 101.9 | 2.2 | 121. |
| 15.5 | 46.2 | 4707.3 | 575.0 | -9.0 | -9.0 | 267.4 | 9.0 | 6.9 | -4.1 | 311.6 | 321.0 | 3.1 | 101.5 | 2.6 | 120. |
| 16.5 | 49.1 | 5251.0 | 550.0 | -10.5 | -10.5 | 300.5 | 8.0 | 6.2 | -3.6 | 313.6 | 321.5 | 2.6 | 91.1 | 3.3 | 121. |
| 17.7 | 52.1 | 5409.3 | 525.0 | -12.3 | -13.5 | 300.0 | 7.2 | 7.0 | -3.0 | 315.0 | 323.1 | 2.1 | 86.4 | 3.8 | 123. |
| 18.7 | 55.1 | 5779.7 | 500.0 | -14.8 | -16.5 | 293.4 | 7.6 | 7.0 | -1.6 | 316.9 | 323.1 | 2.0 | 93.7 | 4.4 | 119. |
| 20.2 | 59.3 | 6168.8 | 475.0 | -17.1 | -17.8 | 281.0 | 8.2 | 8.0 | -0.9 | 317.5 | 321.8 | 1.3 | 77.7 | 5.1 | 115. |
| 21.5 | 61.6 | 6570.8 | 450.0 | -20.5 | -23.6 | 276.3 | 8.2 | 8.1 | -0.4 | 318.0 | 319.7 | 0.5 | 39.7 | 5.9 | 113. |
| 23.4 | 65.0 | 6789.8 | 425.0 | -24.2 | -33.9 | 272.2 | 0.7 | 0.9 | -0.4 | 320.2 | 321.3 | 0.3 | 27.5 | 6.7 | 113. |
| 25.1 | 68.7 | 7430.1 | 400.0 | -26.8 | -35.7 | 283.5 | 10.3 | 10.0 | -2.4 | 323.0 | 324.7 | 0.5 | 52.9 | 7.6 | 108. |
| 26.7 | 72.4 | 7438.1 | 375.0 | -29.2 | -40.4 | 284.6 | 11.6 | 11.2 | -2.9 | 324.2 | 325.4 | 0.3 | 47.2 | 8.7 | 108. |
| 28.1 | 76.1 | 8353.1 | 350.0 | -33.0 | -45.1 | 279.5 | 11.2 | 11.0 | -1.8 | 325.1 | 326.0 | 0.2 | 43.7 | 10.0 | 107. |
| 29.3 | 81.5 | 9329.5 | 325.0 | -37.4 | -49.9 | 274.5 | 11.6 | 11.5 | -0.9 | 325.2 | 326.0 | 99.9 | 99.9 | 11.3 | 106. |
| 32.1 | 85.0 | 9446.3 | 300.0 | -42.8 | -51.9 | 260.8 | 11.7 | 11.9 | -2.2 | 326.3 | 326.9 | 99.9 | 99.9 | 12.7 | 105. |
| 34.7 | 87.6 | 10327.9 | 275.0 | -47.6 | -51.9 | 260.8 | 13.0 | 12.4 | -2.3 | 328.9 | 329.9 | 99.9 | 99.9 | 14.4 | 105. |
| 36.4 | 94.4 | 10452.2 | 250.0 | -51.9 | -51.9 | 260.8 | 13.0 | 12.4 | -2.3 | 332.3 | 332.3 | 99.9 | 99.9 | 15.3 | 107. |
| 39.4 | 99.9 | 11328.9 | 225.0 | -56.2 | -56.2 | 303.4 | 18.3 | 15.4 | -0.2 | 335.2 | 335.2 | 99.9 | 99.9 | 19.0 | 109. |
| 41.5 | 105.5 | 12766.2 | 200.0 | -61.6 | -61.6 | 302.7 | 20.7 | 18.1 | -10.2 | 342.9 | 342.9 | 99.9 | 99.9 | 22.6 | 112. |
| 44.1 | 112.3 | 12916.6 | 175.0 | -64.9 | -64.9 | 299.4 | 25.3 | 23.2 | -10.0 | 345.8 | 345.8 | 99.9 | 99.9 | 27.3 | 112. |
| 48.3 | 119.9 | 13931.4 | 150.0 | -68.8 | -68.8 | 296.2 | 28.8 | 25.9 | -12.7 | 376.8 | 376.8 | 99.9 | 99.9 | 34.0 | 113. |
| 52.7 | 126.3 | 14533.1 | 125.0 | -65.3 | -65.3 | 291.8 | 24.9 | 21.2 | -13.1 | 402.0 | 402.0 | 99.9 | 99.9 | 42.5 | 113. |
| 57.6 | 135.7 | 14307.5 | 100.0 | -65.1 | -65.1 | 301.8 | 24.9 | 21.2 | -13.1 | 437.9 | 437.9 | 99.9 | 99.9 | 49.3 | 116. |
| 63.5 | 146.3 | 18254.8 | 75.0 | -64.4 | -64.4 | 319.1 | 13.7 | 9.0 | -4.4 | 507.1 | 507.1 | 99.9 | 99.9 | 53.1 | 117. |
| 72.1 | 154.5 | 20575.2 | 50.0 | -57.9 | -57.9 | 309.5 | 4.9 | 5.3 | -4.4 | 650.4 | 650.4 | 99.9 | 99.9 | 58.6 | 118. |
| 85.7 | 145.0 | 25050.2 | 25.0 | -46.7 | -46.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 327
NASHVILLE, TENNESSEE20 APRIL 1979
205 GMT

| TIME MIN | CHTCT | HEIGHT GPH | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | J COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MR RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.3 | 6.7 | 100.0 | 999.9 | 14.0 | 4.2 | 360.0 | 2.1 | 0.0 | -2.1 | 291.2 | 305.1 | 5.2 | 43.0 | 0.0 | 0. |
| 0.7 | 99.9 | 99.9 | 1000.0 | 97.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.7 | 8.8 | 396.5 | 975.0 | 18.6 | 3.2 | 7.4 | 2.9 | -0.4 | -2.9 | 293.9 | 301.4 | 4.9 | 35.7 | 0.2 | 189. |
| 1.4 | 11.0 | 618.4 | 950.0 | 17.0 | -0.3 | 38.5 | 2.5 | -1.5 | -1.9 | 293.5 | 303.5 | 0.0 | 30.9 | 0.3 | 182. |
| 2.4 | 13.2 | 843.1 | 925.0 | 15.5 | -0.1 | 69.5 | 3.0 | -3.0 | -0.0 | 293.1 | 308.5 | 4.1 | 30.5 | 0.4 | 204. |
| 3.1 | 15.4 | 1376.6 | 900.0 | 13.9 | -10.4 | 127.7 | 2.9 | -2.3 | 1.8 | 295.9 | 301.9 | 2.1 | 19.8 | 0.5 | 225. |
| 6.7 | 17.6 | 1313.4 | 875.0 | 13.3 | -21.2 | 249.4 | 1.3 | 1.2 | 0.3 | 297.7 | 309.2 | 0.8 | 7.4 | 0.5 | 235. |
| 9.4 | 19.9 | 1556.3 | 850.0 | 12.3 | -22.7 | 335.3 | 2.6 | 1.1 | -2.3 | 299.0 | 301.3 | 0.7 | 6.9 | 0.5 | 223. |
| 9.7 | 22.2 | 1805.5 | 825.0 | 10.8 | -22.2 | 353.7 | 3.3 | 0.4 | -3.3 | 300.0 | 302.4 | 0.8 | 8.0 | 0.6 | 210. |
| 6.5 | 24.5 | 2360.9 | 800.0 | 9.3 | -19.8 | 334.1 | 3.2 | 1.4 | -2.9 | 301.0 | 304.1 | 1.0 | 10.8 | 0.7 | 202. |
| 7.0 | 26.9 | 2372.7 | 775.0 | 7.5 | -19.7 | 272.7 | 2.6 | 2.4 | -1.0 | 301.8 | 305.0 | 1.0 | 12.3 | 0.8 | 152. |
| 8.4 | 29.2 | 2571.5 | 750.0 | 5.4 | -19.3 | 235.8 | 2.5 | 2.4 | -0.7 | 302.5 | 305.9 | 1.1 | 14.8 | 0.8 | 181. |
| 9.3 | 31.6 | 2467.4 | 725.0 | 3.5 | -18.2 | 299.7 | 2.5 | 2.1 | -1.2 | 303.3 | 307.2 | 1.3 | 18.5 | 0.9 | 173. |
| 10.2 | 34.1 | 1151.2 | 700.0 | 1.4 | -11.7 | 299.5 | 2.2 | 2.0 | -1.1 | 303.5 | 311.2 | 2.2 | 35.7 | 1.0 | 168. |
| 11.7 | 36.8 | 3493.6 | 675.0 | -0.1 | -10.2 | 292.1 | 3.0 | 2.7 | -1.1 | 305.4 | 313.3 | 2.6 | 46.7 | 1.0 | 153. |
| 12.7 | 39.1 | 3744.2 | 650.0 | -3.2 | -9.1 | 288.9 | 4.6 | 4.4 | -1.5 | 305.4 | 314.1 | 3.0 | 61.6 | 1.2 | 152. |
| 13.3 | 41.8 | 4353.6 | 625.0 | -5.8 | -8.4 | 299.2 | 5.2 | 4.6 | -2.6 | 305.9 | 317.0 | 3.8 | 96.2 | 1.5 | 143. |
| 14.3 | 44.4 | 4373.3 | 600.0 | -7.2 | -7.7 | 322.4 | 5.5 | 3.4 | -4.4 | 307.8 | 318.4 | 2.6 | 95.8 | 1.8 | 181. |
| 15.4 | 47.1 | 4734.0 | 575.0 | -9.7 | -7.7 | 325.3 | 7.2 | 4.1 | -5.9 | 308.6 | 318.1 | 3.2 | 100.6 | 2.2 | 143. |
| 16.6 | 49.9 | 5047.2 | 550.0 | -13.6 | -12.2 | 309.2 | 8.1 | 6.3 | -5.0 | 311.5 | 319.8 | 2.7 | 88.4 | 2.7 | 142. |
| 17.4 | 52.7 | 5474.9 | 525.0 | -13.3 | -13.5 | 308.0 | 7.5 | 6.4 | -3.8 | 312.5 | 320.5 | 2.6 | 98.2 | 3.2 | 139. |
| 18.3 | 55.6 | 5774.3 | 500.0 | -15.3 | -16.8 | 306.4 | 7.4 | 5.9 | -4.4 | 313.3 | 320.8 | 2.1 | 84.8 | 3.7 | 136. |
| 20.3 | 59.4 | 6160.2 | 475.0 | -19.0 | -20.1 | 320.4 | 8.3 | 5.3 | -6.4 | 315.7 | 320.9 | 1.6 | 83.5 | 4.3 | 136. |
| 21.4 | 61.6 | 6562.3 | 450.0 | -20.9 | -25.8 | 334.1 | 8.6 | 3.8 | -7.7 | 317.0 | 320.4 | 1.0 | 64.5 | 4.9 | 138. |
| 22.4 | 64.8 | 6982.1 | 425.0 | -24.2 | -30.0 | 337.0 | 9.0 | 3.5 | -8.3 | 318.0 | 320.5 | 0.7 | 58.6 | 5.4 | 143. |
| 23.1 | 68.0 | 7420.7 | 400.0 | -27.7 | -41.7 | 329.8 | 8.3 | 4.2 | -7.1 | 319.0 | 319.9 | 0.2 | 26.6 | 6.3 | 142. |
| 25.7 | 71.9 | 7493.1 | 375.0 | -37.2 | -48.4 | 316.7 | 7.2 | 5.1 | -5.1 | 321.6 | 322.1 | 0.1 | 15.0 | 7.0 | 142. |
| 27.2 | 74.9 | 8369.8 | 350.0 | -34.3 | -51.5 | 297.4 | 7.7 | 5.9 | -3.1 | 323.5 | 323.8 | 0.1 | 15.6 | 7.4 | 140. |
| 28.3 | 78.4 | 8493.8 | 325.0 | -33.5 | -54.7 | 301.7 | 7.3 | 6.2 | -3.8 | 323.7 | 323.9 | 0.1 | 16.8 | 8.2 | 139. |
| 30.5 | 82.1 | 7428.3 | 300.0 | -43.4 | -54.9 | 308.4 | 7.0 | 7.0 | -5.6 | 324.3 | 324.3 | 99.9 | 99.9 | 9.0 | 138. |
| 32.3 | 86.2 | 10338.1 | 275.0 | -47.8 | -59.9 | 309.2 | 12.2 | 9.5 | -7.7 | 324.0 | 324.0 | 99.9 | 99.9 | 10.1 | 137. |
| 34.2 | 92.3 | 10630.1 | 250.0 | -52.7 | -59.7 | 297.4 | 14.5 | 12.9 | -6.7 | 327.8 | 327.8 | 99.9 | 99.9 | 11.4 | 135. |
| 36.7 | 94.8 | 11372.8 | 225.0 | -57.5 | -59.9 | 296.8 | 16.7 | 14.9 | -7.6 | 330.4 | 330.4 | 99.9 | 99.9 | 13.4 | 132. |
| 38.1 | 99.4 | 12335.4 | 200.0 | -62.3 | -59.9 | 295.2 | 20.3 | 18.3 | -8.6 | 334.2 | 334.2 | 99.9 | 99.9 | 15.6 | 130. |
| 40.5 | 104.4 | 12954.7 | 175.0 | -65.4 | -59.9 | 295.8 | 21.8 | 21.4 | -10.4 | 342.0 | 342.0 | 99.9 | 99.9 | 18.5 | 128. |
| 42.7 | 110.3 | 13900.1 | 150.0 | -63.3 | -59.9 | 302.4 | 24.5 | 22.3 | -14.2 | 341.0 | 341.0 | 99.9 | 99.9 | 21.8 | 126. |
| 45.3 | 116.4 | 14314.3 | 125.0 | -66.1 | -59.9 | 307.2 | 26.8 | 21.3 | -16.2 | 375.3 | 375.3 | 99.9 | 99.9 | 25.8 | 124. |
| 48.3 | 123.5 | 16266.2 | 100.0 | -66.6 | -59.9 | 306.6 | 21.3 | 17.1 | -12.7 | 399.1 | 399.1 | 99.9 | 99.9 | 30.6 | 120. |
| 52.4 | 131.7 | 14325.9 | 75.0 | -63.4 | -59.9 | 314.0 | 9.5 | 6.4 | -7.1 | 439.9 | 439.9 | 99.9 | 99.9 | 34.6 | 127. |
| 58.4 | 142.0 | 23531.9 | 50.0 | -59.8 | -59.9 | 320.2 | 6.7 | 4.3 | -5.2 | 592.7 | 592.7 | 99.9 | 99.9 | 36.6 | 120. |
| 60.2 | 155.0 | 25013.5 | 25.0 | -47.4 | -59.9 | 279.1 | 12.5 | 12.4 | -8.0 | 648.3 | 648.3 | 99.9 | 99.9 | 34.9 | 126. |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 327
NASHVILLE, TENNESSEE20 APRIL 1979
515 GMT

| TIME MIN | UNTCY | HEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT Y DG K | E POT Y DG K | MX RTO GM/KG | RM PCY | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 6.6 | 180.0 | 999.8 | 15.9 | 7.4 | 70.0 | 1.5 | -1.4 | -0.5 | 289.1 | 306.1 | 6.5 | 57.0 | 0.0 | 0. |
| 99.3 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.7 | 9.0 | 393.9 | 975.0 | 16.8 | 3.9 | 99.9 | 99.9 | 99.9 | 99.9 | 292.1 | 306.1 | 5.2 | 42.2 | 999.9 | 999.9 |
| 1.6 | 11.3 | 615.4 | 950.0 | 16.7 | 2.2 | 999.9 | 99.9 | 99.9 | 99.9 | 294.2 | 307.1 | 4.7 | 37.6 | 999.9 | 999.9 |
| 2.5 | 13.6 | 841.9 | 925.0 | 15.1 | 1.4 | 999.9 | 99.9 | 99.9 | 99.9 | 294.8 | 307.4 | 4.6 | 39.4 | 999.9 | 999.9 |
| 3.4 | 16.1 | 1073.2 | 900.0 | 17.8 | -1.2 | 169.7 | 2.5 | -0.5 | 2.5 | 295.7 | 305.3 | 3.4 | 31.0 | 1.1 | 264. |
| 4.2 | 18.5 | 1310.1 | 875.0 | 13.3 | -13.7 | 283.5 | 1.8 | 1.8 | -0.4 | 297.6 | 302.5 | 1.6 | 15.1 | 1.0 | 267. |
| 5.1 | 20.9 | 1533.2 | 850.0 | 12.5 | -13.7 | 320.9 | 3.2 | 2.1 | -2.5 | 299.2 | 303.9 | 1.6 | 14.6 | 1.0 | 260. |
| 6.1 | 23.5 | 1802.7 | 825.0 | 11.0 | -8.3 | 319.7 | 4.7 | 3.1 | -3.6 | 300.2 | 307.6 | 2.5 | 25.6 | 0.5 | 246. |
| 7.0 | 26.0 | 2058.2 | 800.0 | 8.3 | 1.0 | 317.3 | 5.5 | 3.7 | -4.0 | 300.9 | 314.4 | 5.2 | 50.9 | 0.8 | 227. |
| 7.7 | 28.6 | 2320.2 | 775.0 | 7.3 | -0.3 | 299.6 | 5.8 | 5.0 | -2.8 | 301.7 | 310.7 | 3.1 | 37.6 | 0.8 | 206. |
| 8.3 | 31.2 | 2589.2 | 750.0 | 5.3 | -0.2 | 296.3 | 5.4 | 4.8 | -2.4 | 302.4 | 309.9 | 2.6 | 34.3 | 0.9 | 194. |
| 9.9 | 33.8 | 2845.4 | 725.0 | 3.8 | -0.2 | 292.1 | 5.0 | 4.6 | -1.9 | 303.6 | 312.0 | 2.9 | 41.6 | 1.0 | 169. |
| 10.9 | 36.5 | 3149.7 | 700.0 | 2.0 | -0.4 | 281.1 | 3.8 | 3.7 | -0.7 | 304.7 | 312.6 | 2.7 | 42.4 | 1.2 | 158. |
| 11.9 | 39.2 | 3441.8 | 675.0 | -0.6 | -0.0 | 269.3 | 3.2 | 3.2 | 0.3 | 305.5 | 315.0 | 3.2 | 57.2 | 1.3 | 149. |
| 12.7 | 42.0 | 3742.1 | 650.0 | -3.1 | -0.0 | 263.8 | 3.0 | 3.0 | 0.3 | 305.5 | 315.0 | 3.2 | 68.7 | 1.4 | 142. |
| 13.3 | 44.9 | 4031.9 | 625.0 | -5.5 | -4.7 | 281.1 | 2.0 | 2.0 | -0.4 | 306.1 | 316.9 | 3.7 | 91.1 | 1.5 | 137. |
| 15.2 | 47.9 | 4371.2 | 600.0 | -7.5 | -7.7 | 342.1 | 2.6 | 0.8 | -2.5 | 307.5 | 318.0 | 3.6 | 99.3 | 1.6 | 136. |
| 16.3 | 50.7 | 4702.7 | 575.0 | -7.9 | -10.7 | 352.7 | 6.4 | 0.8 | -6.4 | 310.7 | 319.5 | 2.9 | 80.3 | 1.8 | 142. |
| 17.5 | 53.7 | 5046.9 | 550.0 | -10.5 | -12.6 | 341.4 | 9.5 | 3.0 | -9.0 | 311.6 | 319.7 | 2.6 | 84.9 | 2.4 | 148. |
| 18.4 | 56.8 | 5433.6 | 525.0 | -12.7 | -13.9 | 338.9 | 10.0 | 3.6 | -9.4 | 313.1 | 320.8 | 2.5 | 90.9 | 3.2 | 151. |
| 20.2 | 60.0 | 5775.4 | 500.0 | -14.5 | -19.8 | 339.4 | 8.9 | 3.2 | -8.4 | 315.4 | 320.4 | 1.6 | 63.6 | 4.0 | 153. |
| 21.6 | 63.1 | 6162.5 | 475.0 | -17.5 | -23.5 | 338.3 | 9.0 | 3.0 | -7.4 | 316.3 | 320.2 | 1.2 | 59.0 | 4.7 | 153. |
| 23.1 | 66.5 | 6565.5 | 450.0 | -20.2 | -31.2 | 353.4 | 4.9 | 0.6 | -4.9 | 317.8 | 320.0 | 0.6 | 37.4 | 5.2 | 154. |
| 24.7 | 70.0 | 6986.5 | 425.0 | -23.3 | -31.2 | 16.2 | 5.8 | -1.6 | -5.5 | 319.2 | 321.4 | 0.7 | 47.9 | 5.6 | 157. |
| 26.3 | 73.4 | 7427.6 | 400.0 | -26.6 | -33.9 | 25.2 | 8.0 | -3.4 | -7.3 | 320.5 | 322.3 | 0.5 | 49.7 | 6.1 | 161. |
| 29.2 | 77.1 | 7959.8 | 375.0 | -30.9 | -39.7 | 20.9 | 7.1 | -2.5 | -6.6 | 320.8 | 321.9 | 0.3 | 43.1 | 6.8 | 167. |
| 30.7 | 80.9 | 8376.8 | 350.0 | -33.7 | -51.5 | 2.1 | 6.2 | -0.2 | -6.2 | 323.3 | 323.3 | 0.1 | 14.6 | 7.4 | 169. |
| 32.0 | 84.8 | 8812.3 | 325.0 | -37.7 | -51.4 | 342.7 | 7.4 | 2.7 | -7.1 | 324.7 | 325.0 | 0.1 | 16.6 | 8.2 | 169. |
| 34.1 | 89.0 | 9436.3 | 300.0 | -42.7 | 99.9 | 330.6 | 9.0 | 4.4 | -7.9 | 325.2 | 999.9 | 99.9 | 999.9 | 9.2 | 168. |
| 36.4 | 93.3 | 10020.4 | 275.0 | -47.2 | 99.9 | 321.2 | 12.2 | 7.6 | -9.5 | 326.6 | 999.9 | 99.9 | 999.9 | 10.5 | 165. |
| 38.4 | 97.8 | 10646.0 | 250.0 | -51.3 | 99.9 | 312.4 | 18.0 | 13.3 | -12.1 | 329.9 | 999.9 | 99.9 | 999.9 | 12.3 | 160. |
| 41.1 | 102.4 | 11322.7 | 225.0 | -54.1 | 99.9 | 311.0 | 22.4 | 16.9 | -14.7 | 332.6 | 999.9 | 99.9 | 999.9 | 15.3 | 154. |
| 44.6 | 107.4 | 12041.4 | 200.0 | -61.5 | 99.9 | 307.0 | 25.6 | 20.6 | -15.3 | 335.4 | 999.9 | 99.9 | 999.9 | 19.3 | 149. |
| 47.5 | 113.4 | 12879.4 | 175.0 | -66.1 | 99.9 | 307.1 | 27.6 | 22.0 | -16.7 | 340.9 | 999.9 | 99.9 | 999.9 | 24.2 | 144. |
| 51.1 | 119.5 | 13144.1 | 150.0 | -64.5 | 99.9 | 308.8 | 26.4 | 20.6 | -10.5 | 359.0 | 999.9 | 99.9 | 999.9 | 29.6 | 141. |
| 55.1 | 126.3 | 14924.9 | 125.0 | -64.8 | 99.9 | 306.1 | 23.1 | 18.7 | -13.6 | 374.1 | 999.9 | 99.9 | 999.9 | 35.4 | 139. |
| 60.1 | 133.7 | 16275.5 | 100.0 | -65.6 | 99.9 | 309.8 | 18.8 | 14.4 | -12.0 | 401.1 | 999.9 | 99.9 | 999.9 | 42.1 | 137. |
| 66.4 | 142.3 | 18031.5 | 75.0 | -64.9 | 99.9 | 321.1 | 11.0 | 6.9 | -8.5 | 436.8 | 999.9 | 99.9 | 999.9 | 47.2 | 137. |
| 75.3 | 152.3 | 20537.4 | 50.0 | -59.1 | 99.9 | 324.6 | 6.2 | 3.6 | -5.1 | 504.3 | 999.9 | 99.9 | 999.9 | 51.5 | 138. |
| 89.4 | 163.5 | 24990.5 | 25.0 | -48.3 | 99.9 | 256.7 | 8.9 | 8.7 | 2.1 | 645.9 | 999.9 | 99.9 | 999.9 | 55.5 | 134. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 327
NASHVILLE, TENNESSEE20 APRIL 1979
015 GMT

166 7. 0

| TIME MIN | CNTCT | HEIGHT GPM | PRES IN | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DEG K | E POT T DEG K | MX RTO CM/SEC | RM PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|------------------|-----------|-------------|-----------|
| 0.3 | 6.2 | 180.0 | 999.0 | 12.2 | 7.7 | 90.0 | 1.5 | -1.5 | 0.0 | 285.4 | 302.6 | 6.6 | 74.0 | 0.0 | 0. |
| 0.7 | 99.9 | 99.9 | 1030.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 0.7 | 8.4 | 345.6 | 975.0 | 16.1 | -1.8 | 90.0 | 9.8 | -9.7 | 1.4 | 291.4 | 300.9 | 3.4 | 29.3 | 0.2 | 266. |
| 1.7 | 10.7 | 636.7 | 930.0 | 17.2 | -1.6 | 132.3 | 3.7 | -2.7 | 2.5 | 294.6 | 304.6 | 3.6 | 27.7 | 0.5 | 279. |
| 2.5 | 13.1 | 933.3 | 925.0 | 15.4 | -1.4 | 202.9 | 2.1 | 0.6 | 1.9 | 295.1 | 305.5 | 3.7 | 31.5 | 0.6 | 290. |
| 3.5 | 15.5 | 1365.0 | 900.0 | 14.7 | -12.3 | 312.8 | 2.8 | 2.0 | -1.9 | 296.6 | 301.8 | 1.8 | 15.2 | 0.5 | 294. |
| 4.5 | 19.0 | 1302.3 | 875.0 | 14.3 | -17.0 | 331.0 | 5.9 | 2.9 | -5.2 | 298.6 | 302.1 | 1.1 | 9.9 | 0.4 | 268. |
| 5.4 | 20.9 | 1546.0 | 850.0 | 11.0 | 2.9 | 333.7 | 7.0 | 3.1 | -6.2 | 298.5 | 313.9 | 5.6 | 54.3 | 0.4 | 207. |
| 6.4 | 22.9 | 1775.1 | 825.0 | 10.2 | 0.6 | 333.2 | 6.7 | 3.0 | -6.0 | 299.4 | 313.0 | 4.9 | 51.1 | 0.7 | 188. |
| 7.5 | 25.5 | 2050.4 | 800.0 | 9.1 | 1.2 | 320.1 | 6.2 | 3.3 | -5.2 | 299.8 | 314.4 | 5.2 | 61.9 | 1.1 | 170. |
| 8.5 | 29.1 | 2311.7 | 775.0 | 6.2 | -0.6 | 321.0 | 6.2 | 3.9 | -4.8 | 300.5 | 313.7 | 4.7 | 61.6 | 1.5 | 162. |
| 9.5 | 30.7 | 2530.1 | 750.0 | 4.8 | -5.2 | 325.6 | 6.0 | 3.4 | -4.9 | 301.8 | 311.8 | 3.5 | 48.5 | 1.0 | 159. |
| 10.7 | 33.3 | 2855.9 | 725.0 | 3.4 | -8.6 | 309.7 | 4.8 | 3.7 | -3.1 | 303.2 | 311.3 | 2.7 | 40.9 | 2.2 | 156. |
| 11.7 | 36.1 | 3139.4 | 700.0 | 1.2 | -8.4 | 297.3 | 4.0 | 3.6 | -1.8 | 303.8 | 312.3 | 2.9 | 48.7 | 2.4 | 152. |
| 12.7 | 39.4 | 3411.0 | 675.0 | -1.1 | -9.1 | 286.3 | 2.5 | 2.4 | -0.7 | 304.5 | 312.9 | 2.9 | 54.5 | 2.6 | 149. |
| 14.1 | 41.7 | 3730.9 | 650.0 | -3.7 | -6.0 | 248.5 | 1.6 | 1.5 | -0.5 | 304.8 | 315.8 | 3.8 | 64.4 | 2.7 | 147. |
| 15.2 | 44.5 | 4000.1 | 625.0 | -5.6 | -7.1 | 214.2 | 0.8 | 0.4 | 0.6 | 306.0 | 316.5 | 3.6 | 89.2 | 2.7 | 146. |
| 16.5 | 47.4 | 4359.7 | 600.0 | -7.0 | -8.6 | 93.2 | 1.5 | -1.5 | 0.1 | 308.0 | 317.7 | 3.3 | 85.7 | 2.7 | 146. |
| 17.7 | 51.4 | 4590.9 | 575.0 | -9.0 | -10.6 | 23.1 | 3.0 | -1.2 | -2.8 | 309.5 | 316.4 | 3.0 | 89.2 | 2.7 | 149. |
| 19.1 | 53.5 | 5314.5 | 550.0 | -10.5 | -12.4 | 359.8 | 6.4 | 0.0 | -6.4 | 311.7 | 319.9 | 2.7 | 66.1 | 3.0 | 153. |
| 20.4 | 56.6 | 5392.2 | 525.0 | -11.6 | -14.8 | 1.2 | 8.0 | -0.2 | -8.0 | 314.5 | 321.7 | 2.3 | 75.6 | 3.5 | 158. |
| 21.4 | 59.4 | 5764.7 | 500.0 | -14.3 | -17.9 | 358.0 | 7.1 | 0.2 | -7.1 | 315.6 | 321.5 | 1.9 | 74.1 | 4.1 | 161. |
| 23.1 | 63.1 | 6151.8 | 475.0 | -17.0 | -20.7 | 2.6 | 6.6 | -0.3 | -6.6 | 316.9 | 321.8 | 1.5 | 72.8 | 4.7 | 163. |
| 24.4 | 66.4 | 6555.6 | 450.0 | -19.8 | -25.7 | 7.8 | 5.6 | -0.8 | -5.5 | 318.4 | 321.8 | 1.0 | 59.3 | 5.2 | 166. |
| 26.4 | 70.0 | 6972.0 | 425.0 | -23.1 | -29.3 | 13.4 | 5.1 | -1.3 | -4.9 | 319.4 | 322.0 | 0.8 | 55.7 | 5.7 | 168. |
| 29.7 | 77.2 | 7392.2 | 375.0 | -29.7 | -39.1 | 15.4 | 7.5 | -2.0 | -6.0 | 320.7 | 322.8 | 0.6 | 54.0 | 6.1 | 173. |
| 31.4 | 81.0 | 8370.1 | 350.0 | -31.8 | -43.9 | 5.3 | 8.2 | -0.8 | -8.1 | 323.2 | 324.0 | 0.2 | 38.9 | 7.6 | 175. |
| 33.7 | 85.3 | 8734.7 | 325.0 | -37.9 | -50.1 | 348.6 | 11.2 | 2.2 | -11.0 | 324.5 | 324.9 | 0.1 | 26.1 | 8.8 | 175. |
| 36.3 | 89.2 | 9432.7 | 300.0 | -41.2 | -59.9 | 342.3 | 17.6 | 5.3 | -16.7 | 327.4 | 329.9 | 99.9 | 99.9 | 10.7 | 173. |
| 38.1 | 93.5 | 10118.2 | 275.0 | -45.6 | -69.9 | 338.4 | 22.0 | 9.5 | -19.9 | 329.3 | 329.9 | 99.9 | 99.9 | 13.4 | 171. |
| 40.3 | 98.0 | 10645.0 | 250.0 | -51.5 | -79.9 | 319.7 | 22.5 | 14.6 | -17.2 | 329.5 | 329.9 | 99.9 | 99.9 | 16.0 | 167. |
| 42.7 | 102.9 | 11321.3 | 225.0 | -57.0 | -92.9 | 312.4 | 23.8 | 17.5 | -16.0 | 331.2 | 329.9 | 99.9 | 99.9 | 18.9 | 161. |
| 45.4 | 109.0 | 12756.2 | 200.0 | -63.2 | -99.9 | 311.9 | 24.4 | 18.2 | -16.3 | 332.7 | 329.9 | 99.9 | 99.9 | 22.4 | 156. |
| 49.0 | 113.6 | 12971.0 | 175.0 | -68.8 | -99.9 | 314.2 | 28.6 | 20.5 | -19.9 | 333.0 | 329.9 | 99.9 | 99.9 | 27.7 | 152. |
| 52.5 | 119.8 | 13909.1 | 150.0 | -66.4 | -99.9 | 310.8 | 24.7 | 18.7 | -16.1 | 355.7 | 329.9 | 99.9 | 99.9 | 33.4 | 149. |
| 56.3 | 126.3 | 16315.8 | 125.0 | -64.9 | -99.9 | 308.1 | 23.0 | 18.1 | -14.2 | 377.5 | 329.9 | 99.9 | 99.9 | 38.8 | 145. |
| 62.4 | 134.0 | 16279.2 | 100.0 | -66.2 | -99.9 | 308.5 | 19.0 | 14.8 | -11.8 | 399.8 | 329.9 | 99.9 | 99.9 | 45.7 | 143. |
| 68.7 | 142.7 | 19288.7 | 75.0 | -64.8 | -99.9 | 323.8 | 14.1 | 8.3 | -11.3 | 437.2 | 329.9 | 99.9 | 99.9 | 52.0 | 141. |
| 78.2 | 153.0 | 20332.6 | 50.0 | -60.4 | -99.9 | 308.2 | 5.3 | 4.2 | -3.3 | 500.6 | 329.9 | 99.9 | 99.9 | 56.3 | 142. |
| 92.5 | 164.0 | 24087.1 | 25.0 | -47.7 | -99.9 | 250.0 | 9.9 | 9.7 | 1.9 | 647.5 | 329.9 | 99.9 | 99.9 | 61.0 | 139. |

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 327
NASHVILLE, TENNESSEE20 APRIL 1979
1105 GMT

168 13. 0

| TIME MIN | CNCT | HEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DG | SPEED M/SEC | J COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|---------------|-----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 6.7 | 150.0 | 999.3 | 11.0 | 6.2 | 90.0 | 1.0 | -1.0 | 0.0 | 284.2 | 299.6 | 6.0 | 72.0 | 0.0 | 0. |
| 00.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.7 | 9.0 | 337.9 | 950.0 | 17.5 | 0.1 | 149.9 | 4.5 | -2.3 | 3.9 | 292.7 | 303.6 | 4.0 | 30.8 | 0.2 | 269. |
| 1.4 | 11.4 | 610.0 | 950.0 | 17.5 | -0.6 | 165.3 | 2.4 | -0.6 | 2.3 | 295.4 | 306.1 | 3.9 | 28.5 | 0.3 | 309. |
| 2.1 | 13.9 | 837.1 | 925.0 | 16.3 | -1.4 | 274.3 | 0.7 | 0.7 | -0.1 | 296.0 | 306.4 | 3.7 | 29.7 | 0.3 | 317. |
| 3.1 | 16.3 | 1049.5 | 900.0 | 15.4 | -15.8 | 4.1 | 2.3 | -0.2 | -2.3 | 297.4 | 301.1 | 1.2 | 10.1 | 0.3 | 311. |
| 3.9 | 18.8 | 1307.9 | 875.0 | 14.7 | 3.2 | 0.8 | 4.9 | -0.1 | -4.9 | 299.1 | 315.5 | 6.0 | 50.2 | 0.3 | 274. |
| 4.9 | 21.4 | 1552.3 | 850.0 | 12.4 | 4.8 | 348.5 | 5.9 | 1.2 | -5.8 | 299.2 | 316.7 | 6.4 | 59.8 | 0.4 | 217. |
| 5.7 | 24.0 | 1801.9 | 825.0 | 10.1 | 4.4 | 343.7 | 5.4 | 1.5 | -5.2 | 299.3 | 316.9 | 6.4 | 67.8 | 0.6 | 195. |
| 6.4 | 26.6 | 2057.4 | 800.0 | 9.0 | 3.4 | 348.4 | 5.4 | 1.1 | -5.3 | 299.7 | 317.1 | 6.3 | 74.5 | 0.8 | 185. |
| 7.5 | 29.2 | 2318.8 | 775.0 | 6.2 | -0.1 | 350.4 | 5.6 | 0.9 | -5.5 | 300.5 | 314.2 | 4.9 | 63.8 | 1.1 | 181. |
| 8.4 | 31.9 | 2506.9 | 750.0 | 4.8 | -6.2 | 343.5 | 5.0 | 1.4 | -4.8 | 301.8 | 311.2 | 3.2 | 45.0 | 1.4 | 179. |
| 9.4 | 34.7 | 2662.7 | 725.0 | 3.4 | -5.5 | 325.3 | 3.7 | 2.1 | -3.0 | 303.2 | 313.4 | 3.5 | 51.9 | 1.7 | 175. |
| 10.4 | 37.4 | 3146.8 | 700.0 | 1.5 | -6.6 | 302.5 | 2.0 | 1.7 | -1.1 | 304.2 | 313.9 | 3.3 | 54.8 | 1.8 | 172. |
| 11.5 | 40.7 | 3438.9 | 675.0 | -0.2 | -5.2 | 276.5 | 1.6 | 1.6 | -0.2 | 305.4 | 316.6 | 3.9 | 69.1 | 1.9 | 169. |
| 12.5 | 43.1 | 3740.6 | 650.0 | -1.8 | -6.2 | 265.1 | 3.3 | 3.3 | 0.3 | 306.9 | 317.8 | 3.7 | 71.7 | 1.9 | 165. |
| 13.5 | 46.0 | 4051.8 | 625.0 | -3.6 | -7.4 | 260.7 | 3.7 | 3.7 | 0.6 | 308.4 | 318.7 | 3.5 | 74.4 | 1.9 | 157. |
| 14.3 | 48.0 | 4373.1 | 600.0 | -6.0 | -9.1 | 295.7 | 2.7 | 2.4 | -1.2 | 309.2 | 318.7 | 3.2 | 78.2 | 2.0 | 152. |
| 15.3 | 52.0 | 4705.8 | 575.0 | -9.1 | -9.9 | 345.3 | 4.0 | 1.0 | -3.8 | 310.6 | 320.0 | 3.1 | 86.3 | 2.2 | 151. |
| 17.0 | 55.1 | 5049.9 | 550.0 | -10.5 | -13.1 | 358.9 | 5.7 | 0.1 | -5.7 | 311.6 | 319.4 | 2.5 | 81.2 | 2.5 | 154. |
| 18.1 | 53.4 | 5409.1 | 525.0 | -10.5 | -17.0 | 357.3 | 6.6 | 0.3 | -6.6 | 315.8 | 321.9 | 1.9 | 59.0 | 2.9 | 158. |
| 19.4 | 61.4 | 5742.9 | 500.0 | -13.4 | -19.7 | 358.0 | 7.0 | 0.2 | -7.0 | 316.7 | 321.9 | 1.6 | 59.9 | 3.5 | 161. |
| 20.4 | 64.9 | 6171.3 | 475.0 | -16.3 | -22.3 | 358.8 | 5.6 | 0.1 | -5.6 | 317.8 | 322.2 | 1.3 | 59.7 | 3.9 | 163. |
| 22.2 | 69.3 | 6576.0 | 450.0 | -19.3 | -24.8 | 353.2 | 6.0 | 0.7 | -6.0 | 319.0 | 322.7 | 1.1 | 61.4 | 4.4 | 164. |
| 23.5 | 71.9 | 6908.4 | 425.0 | -22.6 | -27.7 | 351.0 | 6.0 | 0.9 | -5.9 | 320.0 | 323.1 | 0.9 | 62.8 | 4.9 | 165. |
| 25.0 | 75.4 | 7440.9 | 400.0 | -25.9 | -33.1 | 355.8 | 5.9 | 0.4 | -5.9 | 321.4 | 323.4 | 0.6 | 50.1 | 5.3 | 166. |
| 26.5 | 79.3 | 7905.0 | 375.0 | -29.5 | -40.2 | 340.4 | 6.7 | 2.3 | -6.3 | 322.5 | 323.6 | 0.3 | 34.5 | 5.9 | 166. |
| 28.2 | 83.1 | 9393.8 | 350.0 | -33.4 | -46.5 | 335.6 | 8.5 | 3.5 | -7.8 | 323.7 | 324.3 | 0.2 | 25.1 | 6.6 | 165. |
| 29.7 | 87.2 | 1110.2 | 325.0 | -36.6 | -50.5 | 336.0 | 13.8 | 5.6 | -12.6 | 326.3 | 326.7 | 0.1 | 21.9 | 7.7 | 164. |
| 31.4 | 91.3 | 9460.6 | 300.0 | -40.6 | -59.9 | 328.3 | 19.4 | 10.2 | -16.5 | 328.2 | 329.9 | 99.9 | 999.9 | 9.6 | 162. |
| 33.7 | 95.8 | 10346.4 | 275.0 | -45.9 | -69.9 | 323.7 | 22.1 | 13.1 | -17.8 | 328.8 | 329.9 | 99.9 | 999.9 | 12.2 | 158. |
| 34.0 | 100.4 | 10672.8 | 250.0 | -51.3 | -77.1 | 323.6 | 22.7 | 13.5 | -18.3 | 329.6 | 329.9 | 99.9 | 999.9 | 15.0 | 156. |
| 38.1 | 105.4 | 11348.3 | 225.0 | -57.1 | -99.9 | 322.5 | 24.8 | 15.1 | -19.6 | 331.1 | 331.1 | 99.9 | 999.9 | 18.2 | 153. |
| 40.7 | 110.6 | 12085.0 | 200.0 | -61.8 | -99.9 | 318.5 | 25.0 | 17.2 | -18.1 | 334.9 | 334.9 | 99.9 | 999.9 | 21.9 | 151. |
| 43.5 | 116.5 | 12903.8 | 175.0 | -66.5 | -99.9 | 307.9 | 29.6 | 23.4 | -18.2 | 340.2 | 339.9 | 99.9 | 999.9 | 25.4 | 147. |
| 46.4 | 122.5 | 13935.0 | 150.0 | -62.8 | -99.9 | 312.2 | 23.0 | 17.0 | -15.4 | 341.9 | 341.9 | 99.9 | 999.9 | 30.6 | 146. |
| 50.1 | 129.5 | 14942.5 | 125.0 | -63.5 | -99.9 | 311.0 | 21.2 | 16.0 | -13.9 | 340.0 | 340.0 | 99.9 | 999.9 | 34.9 | 143. |
| 55.4 | 137.3 | 16319.9 | 100.0 | -66.7 | -99.9 | 318.2 | 20.4 | 14.1 | -14.7 | 349.0 | 349.0 | 99.9 | 999.9 | 40.4 | 142. |
| 60.3 | 146.9 | 18066.9 | 75.0 | -62.6 | -99.9 | 331.9 | 11.7 | 5.5 | -10.4 | 441.8 | 441.8 | 99.9 | 999.9 | 46.0 | 142. |
| 67.5 | 156.5 | 20579.6 | 50.0 | -57.9 | -99.9 | 321.3 | 8.6 | 5.4 | -6.7 | 507.2 | 507.2 | 99.9 | 999.9 | 48.9 | 143. |
| 70.2 | 167.7 | 25065.1 | 25.0 | -47.8 | -99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 647.6 | 647.6 | 99.9 | 999.9 | 53.5 | 141. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 340
LITTLE ROCK, ARKANSAS

19 APRIL 1979
1105 GMT

| TIME MM | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | 3M PCT | RANGE K4 | AZ DG |
|------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 6.0 | 172.0 | 1000.0 | 17.6 | 14.7 | 110.0 | 2.6 | -2.4 | 0.9 | 290.8 | 318.1 | 10.6 | 83.0 | 0.0 | 0. |
| 09.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.7 | 8.2 | 390.4 | 975.0 | 20.5 | 14.9 | 152.9 | 9.6 | -4.4 | 8.6 | 295.8 | 324.8 | 11.0 | 70.1 | 0.3 | 291. |
| 1.5 | 10.5 | 615.1 | 950.0 | 20.0 | 12.2 | 176.8 | 11.7 | -0.6 | 11.6 | 297.5 | 322.8 | 9.5 | 60.8 | 0.8 | 378. |
| 2.3 | 12.4 | 944.7 | 925.0 | 18.7 | 8.9 | 183.1 | 10.9 | 0.6 | 10.9 | 298.5 | 319.6 | 7.8 | 52.8 | 1.2 | 342. |
| 3.0 | 15.2 | 1379.0 | 900.0 | 14.6 | 7.7 | 183.8 | 10.3 | 0.7 | 10.3 | 298.7 | 318.7 | 7.4 | 55.6 | 1.7 | 348. |
| 3.9 | 17.6 | 1318.2 | 875.0 | 14.4 | 6.7 | 183.0 | 9.6 | 0.5 | 9.6 | 298.8 | 318.0 | 7.0 | 59.6 | 2.2 | 352. |
| 4.6 | 20.1 | 1562.4 | 850.0 | 12.4 | 6.4 | 184.6 | 8.9 | 0.7 | 8.9 | 299.2 | 318.7 | 7.1 | 66.7 | 2.6 | 353. |
| 5.5 | 22.6 | 1312.5 | 825.0 | 12.3 | 7.2 | 187.3 | 9.2 | 1.2 | 9.1 | 299.5 | 320.7 | 7.8 | 61.0 | 3.1 | 356. |
| 6.4 | 25.1 | 2343.2 | 800.0 | 8.7 | 1.8 | 193.1 | 9.7 | 2.2 | 9.5 | 300.4 | 315.7 | 5.5 | 62.3 | 3.6 | 357. |
| 7.4 | 27.6 | 2333.6 | 775.0 | 7.5 | -2.4 | 202.0 | 9.5 | 3.6 | 8.9 | 301.9 | 313.9 | 4.2 | 49.9 | 4.1 | 1. |
| 8.4 | 30.2 | 2373.9 | 750.0 | 5.4 | 2.0 | 198.1 | 7.8 | 2.4 | 7.4 | 302.5 | 319.1 | 5.9 | 78.7 | 4.6 | 3. |
| 9.3 | 32.4 | 2376.6 | 725.0 | 4.2 | 3.2 | 191.6 | 5.1 | 1.0 | 5.0 | 304.0 | 322.7 | 6.7 | 93.3 | 5.0 | 4. |
| 10.3 | 35.4 | 3162.3 | 700.0 | 2.7 | 1.8 | 202.0 | 4.1 | 1.5 | 3.8 | 305.5 | 323.1 | 6.3 | 93.9 | 5.2 | 4. |
| 11.2 | 38.1 | 3456.1 | 675.0 | 0.9 | 0.3 | 229.2 | 4.5 | 3.4 | 3.0 | 306.6 | 323.2 | 5.8 | 95.9 | 5.4 | 5. |
| 12.2 | 40.4 | 3759.1 | 650.0 | -0.9 | -1.5 | 246.0 | 5.4 | 5.0 | 2.2 | 307.9 | 323.2 | 5.3 | 95.7 | 5.6 | 8. |
| 13.2 | 41.6 | 4371.2 | 625.0 | -3.5 | -4.1 | 252.1 | 5.7 | 5.4 | 1.7 | 308.5 | 321.7 | 4.5 | 95.3 | 5.7 | 11. |
| 14.1 | 46.4 | 4373.7 | 600.0 | -5.0 | -5.5 | 267.9 | 4.7 | 4.7 | 0.2 | 310.4 | 322.9 | 4.2 | 95.7 | 5.8 | 13. |
| 15.0 | 49.3 | 4727.7 | 575.0 | -7.4 | -8.2 | 287.0 | 4.3 | 4.1 | -1.3 | 311.3 | 322.1 | 3.6 | 94.2 | 5.9 | 16. |
| 16.2 | 52.4 | 5072.5 | 550.0 | -10.3 | -16.5 | 299.7 | 5.3 | 4.6 | -2.6 | 311.9 | 317.9 | 1.9 | 60.6 | 5.8 | 19. |
| 17.5 | 55.4 | 5429.6 | 525.0 | -12.5 | -20.3 | 307.3 | 6.0 | 4.8 | -3.7 | 313.4 | 318.0 | 1.5 | 52.2 | 5.7 | 23. |
| 18.4 | 58.5 | 5770.0 | 500.0 | -16.0 | -48.8 | 305.8 | 7.3 | 5.9 | -4.3 | 313.6 | 314.2 | 0.2 | 7.1 | 5.6 | 28. |
| 20.0 | 61.4 | 6184.3 | 475.0 | -19.7 | -61.8 | 290.6 | 8.7 | 8.2 | -3.1 | 314.8 | 314.9 | 0.0 | 1.0 | 5.6 | 34. |
| 21.4 | 65.0 | 6585.4 | 450.0 | -20.8 | -63.2 | 295.7 | 10.0 | 9.0 | -4.4 | 317.1 | 317.2 | 0.0 | 1.0 | 5.9 | 42. |
| 22.3 | 68.4 | 7006.1 | 425.0 | -23.1 | -64.6 | 296.5 | 9.1 | 8.2 | -4.1 | 319.4 | 319.5 | 0.0 | 1.0 | 6.1 | 49. |
| 24.3 | 72.3 | 7447.0 | 400.0 | -26.3 | -66.7 | 280.8 | 8.7 | 8.6 | -1.6 | 320.9 | 320.9 | 0.0 | 1.0 | 6.5 | 55. |
| 25.4 | 75.6 | 7910.1 | 375.0 | -29.9 | -69.1 | 263.0 | 9.7 | 9.6 | 1.2 | 322.0 | 322.0 | 0.0 | 1.0 | 7.2 | 59. |
| 27.4 | 79.4 | 9397.6 | 350.0 | -33.5 | -74.7 | 275.3 | 10.9 | 10.9 | 1.0 | 323.6 | 323.6 | 0.1 | 7.9 | 8.1 | 61. |
| 29.1 | 83.1 | 8712.7 | 325.0 | -37.9 | -74.4 | 275.3 | 13.7 | 13.5 | -1.0 | 324.5 | 324.5 | 0.0 | 1.0 | 9.1 | 64. |
| 31.3 | 87.5 | 9459.8 | 300.0 | -41.8 | 90.9 | 279.6 | 13.7 | 13.5 | -2.3 | 326.4 | 326.4 | 99.9 | 99.9 | 10.2 | 69. |
| 33.7 | 91.4 | 10244.2 | 275.0 | -45.4 | 90.9 | 281.7 | 16.1 | 15.8 | -3.3 | 329.5 | 329.5 | 99.9 | 99.9 | 11.8 | 73. |
| 35.1 | 96.5 | 10673.4 | 250.0 | -50.4 | 90.9 | 286.0 | 17.9 | 17.2 | -4.9 | 331.2 | 331.2 | 99.9 | 99.9 | 13.7 | 78. |
| 37.4 | 101.4 | 11154.3 | 225.0 | -54.8 | 90.9 | 286.6 | 19.5 | 18.7 | -5.6 | 334.5 | 334.5 | 99.9 | 99.9 | 16.0 | 82. |
| 40.3 | 106.8 | 12077.9 | 200.0 | -60.5 | 90.9 | 285.5 | 21.3 | 20.5 | -5.7 | 337.0 | 337.0 | 99.9 | 99.9 | 19.0 | 86. |
| 42.3 | 112.5 | 12923.5 | 175.0 | -62.9 | 90.9 | 287.0 | 20.7 | 19.8 | -6.1 | 346.1 | 346.1 | 99.9 | 99.9 | 22.2 | 89. |
| 46.1 | 118.8 | 13879.6 | 150.0 | -50.1 | 90.9 | 286.0 | 20.6 | 19.8 | -5.7 | 356.6 | 356.6 | 99.9 | 99.9 | 26.4 | 92. |
| 49.9 | 125.0 | 15311.5 | 125.0 | -63.4 | 90.9 | 277.6 | 17.6 | 17.5 | -2.3 | 360.1 | 360.1 | 99.9 | 99.9 | 30.2 | 94. |
| 54.2 | 133.7 | 16367.9 | 100.0 | -67.5 | 90.9 | 282.6 | 22.0 | 21.5 | -4.8 | 397.4 | 397.4 | 99.9 | 99.9 | 35.6 | 94. |
| 59.4 | 142.7 | 14097.4 | 75.0 | -65.5 | 90.9 | 288.3 | 15.1 | 14.3 | -4.7 | 435.6 | 435.6 | 99.9 | 99.9 | 42.0 | 95. |
| 67.4 | 152.3 | 20590.5 | 50.0 | -58.7 | 90.9 | 321.1 | 6.8 | 4.3 | -5.3 | 505.2 | 505.2 | 99.9 | 99.9 | 45.9 | 98. |
| 78.4 | 142.3 | 25058.0 | 25.0 | -47.5 | 90.9 | 275.1 | 11.1 | 11.1 | -1.0 | 648.5 | 648.5 | 99.9 | 99.9 | 49.5 | 101. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 340
LITTLE ROCK, ARKANSAS

19 APRIL 1979
1405 GMT

| TIME MIN | CNCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | LIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.3 | 6.0 | 172.0 | 1001.0 | 18.8 | 15.5 | 110.0 | 2.1 | -2.0 | 0.7 | 291.9 | 320.7 | 11.1 | 81.0 | 0.0 | 0. |
| 3.3 | 6.1 | 193.6 | 1000.0 | 19.7 | 15.4 | 114.7 | 2.7 | -2.4 | 1.1 | 291.9 | 320.5 | 11.1 | 80.9 | 0.0 | 354. |
| 0.7 | 8.3 | 398.2 | 975.0 | 19.1 | 12.7 | 164.9 | 8.4 | -2.2 | 8.1 | 290.4 | 319.5 | 9.5 | 65.2 | 0.3 | 339. |
| 1.4 | 10.6 | 621.8 | 950.0 | 19.1 | 11.3 | 169.8 | 7.1 | -1.3 | 7.0 | 296.6 | 320.4 | 8.9 | 60.4 | 0.7 | 330. |
| 2.4 | 13.0 | 850.6 | 925.0 | 17.5 | 9.7 | 189.5 | 6.9 | 1.1 | 6.8 | 297.2 | 319.3 | 8.2 | 60.3 | 0.9 | 343. |
| 3.3 | 15.4 | 1094.8 | 900.0 | 16.1 | 8.7 | 179.3 | 6.4 | -0.1 | 6.4 | 298.1 | 319.5 | 7.9 | 61.3 | 1.3 | 368. |
| 4.2 | 17.8 | 1323.7 | 875.0 | 14.0 | 8.5 | 173.8 | 8.1 | -0.9 | 8.0 | 298.3 | 320.0 | 8.0 | 63.7 | 1.7 | 350. |
| 5.1 | 20.2 | 1567.9 | 850.0 | 12.1 | 7.8 | 172.1 | 9.4 | -1.3 | 9.3 | 298.8 | 320.1 | 7.9 | 75.1 | 2.1 | 351. |
| 6.7 | 22.9 | 1917.7 | 825.0 | 9.9 | 6.7 | 174.1 | 9.8 | -1.0 | 9.7 | 299.1 | 319.5 | 7.5 | 83.1 | 2.6 | 351. |
| 7.4 | 25.2 | 2072.9 | 800.0 | 7.6 | 4.1 | 180.4 | 10.2 | 0.1 | 10.2 | 299.2 | 317.0 | 6.5 | 78.9 | 3.1 | 352. |
| 9.3 | 27.8 | 2333.2 | 775.0 | 4.2 | -1.2 | 187.6 | 9.6 | 1.3 | 9.6 | 298.3 | 311.0 | 4.5 | 67.7 | 3.6 | 354. |
| 10.2 | 30.4 | 2539.3 | 750.0 | 2.8 | -3.7 | 203.1 | 8.7 | 3.4 | 8.0 | 299.7 | 307.1 | 2.6 | 40.9 | 4.3 | 357. |
| 11.2 | 33.7 | 2749.9 | 725.0 | 4.3 | 4.3 | 224.9 | 7.3 | 5.1 | 5.2 | 304.2 | 329.3 | 7.2 | 102.1 | 4.8 | 1. |
| 12.4 | 36.6 | 3160.2 | 700.0 | 2.3 | 2.3 | 242.9 | 5.3 | 4.7 | 2.4 | 305.0 | 323.2 | 6.5 | 101.3 | 5.0 | 5. |
| 13.5 | 39.4 | 3453.8 | 675.0 | 0.4 | 0.4 | 252.5 | 4.4 | 4.2 | 1.3 | 306.1 | 322.8 | 5.9 | 101.1 | 5.2 | 9. |
| 14.2 | 41.2 | 3746.4 | 650.0 | -1.3 | -1.3 | 266.8 | 3.6 | 3.6 | 0.2 | 307.5 | 323.0 | 5.4 | 101.3 | 5.3 | 11. |
| 15.1 | 43.1 | 4054.2 | 625.0 | -3.5 | -3.5 | 275.2 | 2.6 | 2.6 | -0.2 | 308.4 | 322.1 | 4.7 | 100.9 | 5.3 | 13. |
| 16.1 | 47.3 | 4370.6 | 600.0 | -5.4 | -7.7 | 288.0 | 3.0 | 2.8 | -0.9 | 309.9 | 320.5 | 3.6 | 83.3 | 5.3 | 15. |
| 17.1 | 50.0 | 4722.9 | 575.0 | -8.9 | -17.9 | 308.8 | 4.2 | 3.2 | -2.6 | 309.7 | 314.8 | 1.6 | 47.2 | 5.3 | 18. |
| 18.4 | 53.1 | 5066.3 | 550.0 | -11.1 | -20.8 | 310.4 | 4.0 | 3.1 | -2.6 | 311.0 | 313.1 | 0.6 | 21.4 | 5.1 | 21. |
| 19.3 | 56.1 | 5421.5 | 525.0 | -13.8 | -29.4 | 293.9 | 5.0 | 4.6 | -2.0 | 311.9 | 312.0 | 0.9 | 1.0 | 5.1 | 25. |
| 21.1 | 59.3 | 5791.1 | 500.0 | -15.3 | -39.6 | 269.4 | 6.7 | 6.7 | 0.1 | 314.4 | 314.5 | 0.0 | 1.0 | 5.2 | 29. |
| 22.4 | 62.5 | 6177.2 | 475.0 | -17.1 | -50.1 | 271.7 | 8.7 | 8.7 | -0.3 | 316.8 | 316.9 | 0.0 | 1.1 | 5.5 | 34. |
| 23.4 | 65.4 | 6580.9 | 450.0 | -19.3 | -54.1 | 273.7 | 11.8 | 11.8 | -0.8 | 319.0 | 319.2 | 0.1 | 2.9 | 5.9 | 40. |
| 25.3 | 69.3 | 7002.6 | 425.0 | -23.3 | -50.1 | 271.9 | 12.1 | 12.1 | -0.4 | 319.2 | 319.5 | 3.1 | 5.7 | 6.6 | 48. |
| 26.7 | 72.7 | 7443.5 | 400.0 | -24.4 | -61.4 | 273.2 | 9.5 | 9.5 | -0.5 | 320.7 | 320.4 | 0.0 | 2.1 | 7.3 | 53. |
| 28.7 | 76.4 | 7906.5 | 375.0 | -33.3 | -63.9 | 274.3 | 8.9 | 8.8 | -0.7 | 321.5 | 321.6 | 0.0 | 2.2 | 7.9 | 57. |
| 29.5 | 80.3 | 8304.3 | 350.0 | -33.1 | -64.8 | 288.7 | 9.5 | 9.0 | -3.0 | 324.2 | 324.3 | 0.0 | 2.5 | 8.6 | 61. |
| 31.4 | 84.3 | 8711.2 | 325.0 | -37.1 | -66.4 | 289.5 | 12.1 | 11.4 | -4.0 | 325.6 | 325.7 | 0.0 | 3.0 | 9.3 | 66. |
| 33.1 | 88.5 | 9461.2 | 300.0 | -40.3 | -69.9 | 289.1 | 15.6 | 14.9 | -4.9 | 328.6 | 329.9 | 99.9 | 99.9 | 10.7 | 72. |
| 35.2 | 92.4 | 10048.8 | 275.0 | -44.6 | -69.9 | 291.0 | 16.8 | 15.7 | -6.0 | 330.6 | 329.9 | 99.9 | 99.9 | 12.2 | 77. |
| 37.2 | 97.5 | 10679.6 | 250.0 | -50.0 | -69.9 | 291.9 | 19.4 | 18.0 | -7.2 | 331.7 | 329.9 | 99.9 | 99.9 | 14.0 | 82. |
| 39.3 | 102.4 | 11350.0 | 225.0 | -55.4 | -69.9 | 292.0 | 20.0 | 16.3 | -9.0 | 333.7 | 329.9 | 99.9 | 99.9 | 16.2 | 87. |
| 41.4 | 107.8 | 12101.7 | 200.0 | -63.4 | -69.9 | 292.0 | 18.4 | 17.1 | -6.9 | 336.6 | 329.9 | 99.9 | 99.9 | 18.9 | 91. |
| 44.5 | 113.7 | 12926.0 | 175.0 | -62.2 | -69.9 | 285.4 | 20.0 | 19.3 | -5.3 | 337.3 | 329.9 | 99.9 | 99.9 | 21.7 | 93. |
| 47.7 | 120.0 | 13952.4 | 150.0 | -61.2 | -69.9 | 283.9 | 24.4 | 23.7 | -5.9 | 344.7 | 329.9 | 99.9 | 99.9 | 26.0 | 95. |
| 51.2 | 127.7 | 15003.0 | 125.0 | -64.7 | -69.9 | 277.9 | 19.2 | 19.0 | -2.6 | 377.9 | 329.9 | 99.9 | 99.9 | 30.5 | 96. |
| 55.4 | 135.0 | 16364.1 | 100.0 | -65.3 | -69.9 | 286.9 | 20.8 | 19.9 | -6.0 | 401.6 | 329.9 | 99.9 | 99.9 | 35.7 | 97. |
| 61.0 | 144.0 | 18104.9 | 75.0 | -65.1 | -69.9 | 299.6 | 14.1 | 12.3 | -7.0 | 436.5 | 329.9 | 99.9 | 99.9 | 41.3 | 98. |
| 68.2 | 153.7 | 20608.6 | 50.0 | -57.7 | -69.9 | 313.4 | 6.0 | 4.4 | -4.1 | 507.7 | 329.9 | 99.9 | 99.9 | 46.1 | 101. |
| 70.4 | 163.5 | 25090.1 | 25.0 | -45.7 | -69.9 | 999.9 | 99.9 | 99.9 | 99.9 | 553.6 | 329.9 | 99.9 | 99.9 | 47.1 | 103. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 340
LITTLE ROCK, ARKANSAS

19 APRIL 1979
1705 GMT

148 19. 0

| TIME MIN | CNCT | WEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | J COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO CM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.1 | 6.9 | 172.0 | 1000.6 | 25.1 | 14.6 | 150.0 | 4.1 | -2.1 | 3.6 | 296.2 | 326.2 | 10.5 | 52.0 | 0.0 | 0. |
| 0.2 | 6.9 | 177.3 | 1000.0 | 25.0 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 296.1 | 326.1 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.7 | 6.9 | 398.2 | 975.0 | 22.4 | 13.9 | 999.9 | 99.9 | 99.9 | 99.9 | 297.7 | 325.1 | 10.3 | 55.5 | 999.9 | 999.9 |
| 1.4 | 11.1 | 623.4 | 950.0 | 19.6 | 13.7 | 999.9 | 99.9 | 99.9 | 99.9 | 297.3 | 325.1 | 10.5 | 67.7 | 999.9 | 999.9 |
| 2.1 | 13.1 | 852.9 | 925.0 | 17.7 | 13.5 | 165.4 | 6.2 | -1.6 | 6.0 | 297.4 | 325.6 | 10.6 | 75.3 | 0.7 | 356. |
| 2.7 | 15.5 | 1096.8 | 900.0 | 15.7 | 10.3 | 165.2 | 8.3 | -2.1 | 8.0 | 297.7 | 321.3 | 6.8 | 70.2 | 1.1 | 339. |
| 3.7 | 17.6 | 1325.5 | 875.0 | 13.7 | 7.7 | 172.3 | 10.2 | -1.4 | 10.1 | 298.0 | 316.6 | 7.6 | 66.9 | 1.5 | 341. |
| 4.6 | 19.9 | 1599.2 | 850.0 | 11.7 | 5.6 | 177.5 | 11.2 | -0.5 | 11.2 | 298.4 | 317.0 | 6.8 | 67.0 | 2.1 | 346. |
| 5.5 | 22.1 | 1919.6 | 825.0 | 10.2 | 5.2 | 192.2 | 12.4 | 0.5 | 12.4 | 299.4 | 318.0 | 6.8 | 71.4 | 2.8 | 349. |
| 6.4 | 24.4 | 2373.9 | 800.0 | 7.9 | 2.9 | 137.8 | 11.7 | 1.6 | 11.5 | 299.6 | 316.0 | 5.9 | 70.8 | 3.4 | 352. |
| 7.3 | 26.7 | 2335.4 | 775.0 | 7.3 | -8.5 | 199.7 | 9.6 | 3.2 | 3.0 | 301.6 | 309.2 | 2.6 | 31.7 | 4.0 | 355. |
| 8.2 | 29.1 | 2634.4 | 750.0 | 5.7 | 4.5 | 220.5 | 7.0 | 4.5 | 5.3 | 302.8 | 322.5 | 7.1 | 92.2 | 4.3 | 358. |
| 9.3 | 31.5 | 2832.5 | 725.0 | 5.1 | 3.1 | 227.1 | 4.1 | 3.0 | 2.6 | 305.1 | 323.7 | 6.6 | 86.5 | 4.5 | 36. |
| 10.2 | 33.9 | 3168.5 | 700.0 | 3.5 | -0.2 | 235.9 | 1.9 | 1.6 | 1.1 | 306.4 | 322.4 | 5.6 | 79.0 | 4.7 | 3. |
| 11.1 | 36.4 | 3463.9 | 675.0 | 2.5 | -4.3 | 285.2 | 1.6 | 1.5 | -0.4 | 308.5 | 320.6 | 4.1 | 60.8 | 4.7 | 3. |
| 12.1 | 39.9 | 3767.9 | 650.0 | 0.0 | -5.2 | 322.8 | 2.0 | 1.2 | -1.6 | 309.0 | 320.8 | 4.0 | 63.1 | 4.6 | 5. |
| 13.1 | 41.4 | 4081.5 | 625.0 | -1.5 | -8.6 | 333.4 | 3.2 | 1.6 | -2.8 | 310.7 | 320.3 | 3.2 | 59.6 | 4.5 | 6. |
| 14.1 | 44.0 | 4405.4 | 600.0 | -3.6 | -13.2 | 334.5 | 4.6 | 2.0 | -4.1 | 312.7 | 318.8 | 2.3 | 47.9 | 4.3 | 8. |
| 15.3 | 46.7 | 4740.5 | 575.0 | -6.1 | -22.8 | 333.9 | 4.3 | 1.9 | -3.8 | 312.8 | 318.8 | 1.9 | 45.3 | 4.0 | 11. |
| 16.3 | 49.4 | 5087.1 | 550.0 | -9.2 | -38.4 | 314.0 | 3.3 | 2.4 | -2.3 | 314.4 | 318.0 | 1.1 | 29.7 | 3.6 | 13. |
| 17.3 | 52.2 | 5447.2 | 525.0 | -10.1 | -49.0 | 271.9 | 4.7 | 4.7 | -0.2 | 316.3 | 317.2 | 0.3 | 7.7 | 3.5 | 18. |
| 18.1 | 55.0 | 5821.3 | 500.0 | -12.5 | -37.6 | 260.0 | 7.1 | 7.0 | 1.2 | 317.9 | 316.9 | 0.3 | 9.9 | 4.0 | 23. |
| 19.5 | 58.0 | 6211.0 | 475.0 | -15.4 | -44.1 | 267.1 | 9.5 | 9.4 | 0.5 | 318.9 | 316.5 | 0.2 | 6.4 | 4.4 | 31. |
| 20.7 | 61.0 | 6617.2 | 450.0 | -19.3 | -40.7 | 264.4 | 11.2 | 11.2 | 1.1 | 320.3 | 321.1 | 0.2 | 11.8 | 4.9 | 40. |
| 22.3 | 63.9 | 7040.4 | 425.0 | -22.3 | -43.4 | 263.1 | 10.9 | 10.8 | 0.4 | 320.4 | 321.1 | 0.2 | 12.6 | 5.7 | 47. |
| 23.4 | 67.3 | 7483.8 | 400.0 | -25.3 | -49.0 | 267.5 | 10.1 | 10.1 | 0.4 | 322.2 | 322.6 | 0.1 | 8.7 | 6.5 | 52. |
| 24.1 | 70.5 | 7949.0 | 375.0 | -28.6 | -51.4 | 260.4 | 11.1 | 10.9 | 0.4 | 323.5 | 323.8 | 0.1 | 9.2 | 7.3 | 57. |
| 25.7 | 73.9 | 8439.5 | 350.0 | -32.9 | -53.8 | 291.1 | 11.5 | 10.8 | -4.2 | 324.3 | 324.6 | 0.1 | 13.2 | 8.1 | 64. |
| 27.1 | 77.4 | 8954.9 | 325.0 | -36.4 | -56.3 | 283.7 | 13.8 | 13.4 | -3.3 | 326.5 | 326.7 | 0.1 | 10.6 | 9.1 | 70. |
| 28.5 | 81.1 | 9507.0 | 300.0 | -37.6 | -59.9 | 285.5 | 16.9 | 16.3 | -4.5 | 328.5 | 328.9 | 0.1 | 10.6 | 10.7 | 75. |
| 30.1 | 85.0 | 10076.6 | 275.0 | -44.2 | -62.1 | 287.6 | 17.8 | 17.0 | -5.4 | 331.2 | 331.2 | 0.1 | 12.5 | 12.5 | 80. |
| 31.6 | 89.2 | 10728.3 | 250.0 | -49.8 | -69.9 | 288.2 | 17.9 | 17.0 | -7.5 | 333.0 | 333.0 | 0.1 | 14.5 | 14.5 | 84. |
| 33.2 | 93.4 | 11408.9 | 225.0 | -55.5 | -75.5 | 293.5 | 17.5 | 15.8 | -7.5 | 335.4 | 335.4 | 0.1 | 16.7 | 16.7 | 88. |
| 34.7 | 99.0 | 12140.5 | 200.0 | -59.9 | -79.9 | 292.0 | 15.6 | 14.7 | -5.9 | 337.9 | 337.9 | 0.1 | 18.8 | 18.8 | 92. |
| 36.3 | 103.9 | 12761.1 | 175.0 | -62.1 | -82.1 | 295.5 | 19.2 | 18.5 | -5.1 | 340.4 | 340.4 | 0.1 | 21.6 | 21.6 | 93. |
| 38.1 | 108.4 | 13331.6 | 150.0 | -61.1 | -81.8 | 271.7 | 19.3 | 19.3 | -0.6 | 343.0 | 343.0 | 0.1 | 25.2 | 25.2 | 95. |
| 40.1 | 114.5 | 15064.5 | 125.0 | -65.8 | -85.7 | 280.9 | 20.2 | 19.6 | -3.6 | 433.2 | 433.2 | 0.1 | 35.0 | 35.0 | 96. |
| 42.1 | 121.3 | 16431.4 | 100.0 | -65.7 | -85.7 | 280.9 | 15.5 | 14.8 | -4.6 | 506.2 | 506.2 | 0.1 | 44.3 | 44.3 | 99. |
| 44.1 | 129.0 | 19168.7 | 75.0 | -59.3 | -79.9 | 300.5 | 6.7 | 5.8 | -3.4 | 650.6 | 650.6 | 0.1 | 47.3 | 47.3 | 101. |
| 46.1 | 138.7 | 20677.2 | 50.0 | -43.2 | -63.2 | 267.6 | 9.0 | 9.0 | 0.4 | | | | | | |
| 48.1 | 150.0 | 25178.4 | 25.0 | | | | | | | | | | | | |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 340
LITTLE ROCK, ARKANSAS

19 APRIL 1979
2005 GMT

| TIME 41M | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RM PCT | RANGE KN | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 6.0 | 172.0 | 998.0 | 27.5 | 9.3 | 160.0 | 4.6 | -1.6 | 4.3 | 300.6 | 321.2 | 7.4 | 32.0 | 0.0 | 0. |
| 0.3 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.7 | 6.0 | 377.0 | 975.0 | 24.8 | 10.2 | 164.5 | 6.5 | -1.7 | 6.3 | 300.2 | 322.1 | 8.1 | 33.7 | 0.3 | 300. |
| 1.3 | 10.1 | 633.9 | 950.0 | 22.2 | 9.4 | 161.0 | 7.1 | -2.3 | 6.8 | 299.8 | 321.1 | 7.6 | 44.0 | 0.5 | 341. |
| 2.0 | 12.3 | 934.9 | 925.0 | 20.0 | 8.6 | 171.1 | 8.4 | -1.3 | 8.3 | 299.7 | 320.5 | 7.6 | 49.0 | 0.9 | 341. |
| 2.7 | 14.5 | 1070.6 | 900.0 | 19.2 | 8.3 | 182.9 | 9.5 | 0.5 | 9.5 | 300.3 | 321.3 | 7.7 | 52.3 | 1.3 | 347. |
| 3.5 | 16.5 | 1311.2 | 875.0 | 16.0 | 7.3 | 182.1 | 9.9 | 0.4 | 9.9 | 300.4 | 320.6 | 7.4 | 55.4 | 1.7 | 351. |
| 4.2 | 18.5 | 1556.6 | 850.0 | 13.7 | 6.3 | 186.3 | 9.9 | 1.1 | 9.9 | 300.5 | 320.0 | 7.1 | 60.9 | 2.1 | 354. |
| 5.0 | 21.1 | 1307.4 | 825.0 | 11.4 | 6.2 | 191.2 | 9.7 | 1.9 | 9.5 | 300.6 | 320.5 | 7.2 | 70.2 | 2.6 | 356. |
| 5.7 | 23.4 | 2063.9 | 800.0 | 8.8 | 4.1 | 192.6 | 9.1 | 2.0 | 8.9 | 300.6 | 321.0 | 7.4 | 83.3 | 3.0 | 359. |
| 6.4 | 25.7 | 2325.9 | 775.0 | 6.3 | 5.2 | 209.6 | 7.2 | 3.4 | 6.3 | 300.6 | 320.4 | 7.2 | 92.8 | 3.3 | 0. |
| 7.4 | 28.1 | 2534.3 | 750.0 | 6.7 | 3.0 | 236.6 | 4.8 | 4.0 | 2.7 | 303.8 | 321.6 | 6.3 | 77.2 | 3.6 | 5. |
| 8.5 | 30.5 | 2973.9 | 725.0 | 6.1 | 0.4 | 258.6 | 2.2 | 2.1 | 0.4 | 306.2 | 321.7 | 5.4 | 68.6 | 3.7 | 7. |
| 9.4 | 32.9 | 3160.9 | 700.0 | 4.9 | -2.2 | 260.8 | 2.0 | 2.0 | 0.3 | 307.9 | 321.5 | 4.7 | 59.8 | 3.7 | 9. |
| 10.5 | 35.4 | 3457.3 | 675.0 | 3.3 | -5.1 | 298.2 | 1.5 | 1.3 | -0.7 | 309.3 | 320.8 | 3.9 | 54.3 | 3.7 | 10. |
| 11.5 | 37.9 | 3762.0 | 650.0 | 0.5 | -6.9 | 336.4 | 2.5 | 1.0 | -2.2 | 309.6 | 320.0 | 3.5 | 57.2 | 3.6 | 11. |
| 12.5 | 40.5 | 4076.2 | 625.0 | -1.2 | -11.5 | 336.7 | 3.9 | 1.6 | -3.6 | 311.0 | 318.8 | 2.5 | 45.4 | 3.4 | 14. |
| 13.9 | 43.1 | 4400.1 | 600.0 | -3.5 | -15.7 | 332.9 | 3.3 | 1.5 | -3.0 | 312.1 | 318.0 | 1.9 | 38.2 | 3.2 | 17. |
| 15.3 | 45.4 | 4735.0 | 575.0 | -6.0 | -19.2 | 306.9 | 2.7 | 2.1 | -1.6 | 313.0 | 317.6 | 1.5 | 34.1 | 3.1 | 20. |
| 16.5 | 49.6 | 5081.6 | 550.0 | -9.3 | -35.3 | 277.4 | 4.2 | 4.1 | -0.5 | 314.3 | 315.5 | 0.3 | 9.4 | 3.1 | 24. |
| 17.5 | 51.3 | 5441.6 | 525.0 | -9.2 | -46.2 | 272.3 | 7.4 | 7.3 | -0.3 | 317.4 | 317.8 | 0.1 | 3.1 | 3.3 | 31. |
| 19.1 | 54.1 | 5917.3 | 500.0 | -11.7 | -43.8 | 271.8 | 8.5 | 6.5 | -0.3 | 318.8 | 319.4 | 0.2 | 4.9 | 3.6 | 39. |
| 20.7 | 57.1 | 6207.9 | 475.0 | -15.0 | -42.5 | 266.0 | 9.4 | 9.4 | 0.7 | 319.4 | 320.1 | 0.2 | 7.4 | 4.1 | 47. |
| 21.4 | 60.1 | 6513.8 | 450.0 | -18.8 | -44.2 | 270.4 | 10.2 | 10.2 | -0.1 | 319.6 | 320.2 | 0.2 | 8.5 | 4.6 | 52. |
| 22.7 | 63.3 | 7036.4 | 425.0 | -22.8 | -46.4 | 271.8 | 9.8 | 9.8 | -0.3 | 319.7 | 320.2 | 0.1 | 9.4 | 5.4 | 59. |
| 24.5 | 66.5 | 7478.5 | 400.0 | -25.5 | -52.6 | 276.3 | 10.4 | 10.3 | -1.1 | 321.9 | 322.1 | 0.1 | 5.8 | 6.2 | 63. |
| 26.2 | 69.9 | 7943.3 | 375.0 | -29.3 | -50.9 | 288.3 | 11.8 | 11.2 | -3.7 | 322.8 | 323.2 | 0.1 | 10.1 | 7.1 | 69. |
| 27.9 | 73.3 | 8433.9 | 350.0 | -31.7 | -57.1 | 291.5 | 13.1 | 12.1 | -4.8 | 326.1 | 326.2 | 0.0 | 6.8 | 8.0 | 75. |
| 29.7 | 76.9 | 8955.1 | 325.0 | -34.7 | -57.9 | 289.4 | 16.3 | 15.4 | -5.4 | 328.8 | 329.0 | 0.0 | 7.3 | 9.4 | 81. |
| 31.5 | 80.6 | 9508.5 | 300.0 | -39.7 | 99.9 | 284.9 | 17.7 | 17.1 | -4.5 | 329.4 | 329.9 | 99.9 | 99.9 | 11.0 | 85. |
| 33.4 | 84.5 | 10097.1 | 275.0 | -44.6 | 99.9 | 282.2 | 17.8 | 17.4 | -3.7 | 330.6 | 329.9 | 99.9 | 99.9 | 13.0 | 88. |
| 35.4 | 89.5 | 10729.2 | 250.0 | -49.7 | 99.9 | 278.7 | 17.0 | 16.8 | -2.6 | 332.1 | 329.9 | 99.9 | 99.9 | 15.1 | 90. |
| 37.1 | 93.3 | 11408.2 | 225.0 | -55.3 | 99.9 | 283.3 | 16.7 | 16.2 | -3.8 | 333.1 | 329.9 | 99.9 | 99.9 | 17.3 | 91. |
| 40.1 | 97.4 | 12152.5 | 200.0 | -59.7 | 99.9 | 276.7 | 18.6 | 18.5 | -2.2 | 338.2 | 329.9 | 99.9 | 99.9 | 19.7 | 93. |
| 42.4 | 102.4 | 12976.8 | 175.0 | -64.4 | 99.9 | 273.4 | 21.1 | 21.1 | -1.3 | 343.6 | 329.9 | 99.9 | 99.9 | 23.0 | 92. |
| 46.1 | 108.2 | 13928.3 | 150.0 | -62.1 | 99.9 | 277.7 | 23.1 | 22.9 | -3.1 | 343.1 | 329.9 | 99.9 | 99.9 | 27.3 | 93. |
| 49.7 | 114.3 | 15057.4 | 125.0 | -62.3 | 99.9 | 275.5 | 23.6 | 23.5 | -2.3 | 342.1 | 329.9 | 99.9 | 99.9 | 32.7 | 94. |
| 54.2 | 121.3 | 16420.3 | 100.0 | -66.4 | 99.9 | 286.4 | 21.0 | 20.2 | -5.9 | 339.6 | 329.9 | 99.9 | 99.9 | 38.3 | 96. |
| 59.5 | 129.3 | 18151.9 | 75.0 | -65.4 | 99.9 | 294.9 | 15.8 | 14.4 | -6.7 | 435.8 | 329.9 | 99.9 | 99.9 | 44.4 | 97. |
| 66.7 | 139.0 | 20644.3 | 50.0 | -54.8 | 99.9 | 319.7 | 7.1 | 4.6 | -5.4 | 509.6 | 329.9 | 99.9 | 99.9 | 48.3 | 99. |
| 78.5 | 150.5 | 25159.8 | 25.0 | -44.7 | 99.9 | 238.9 | 8.8 | 7.5 | -4.5 | 656.2 | 329.9 | 99.9 | 99.9 | 52.1 | 100. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 340
LITTLE ROCK, ARKANSAS

19 APRIL 1979
2305 GMT

149 10.0

| TIME MIN | CNCT | HEIGHT GDM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | J COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MR RTO GM/KG | 3M PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.7 | 6.9 | 172.0 | 996.6 | 27.1 | 7.0 | 120.0 | 4.6 | -4.0 | 2.3 | 300.5 | 318.1 | 6.3 | 28.0 | 0.0 | 0. |
| 09.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999. |
| 0.5 | 8.6 | 367.0 | 975.0 | 25.6 | 6.5 | 144.3 | 6.9 | -4.0 | 5.6 | 300.9 | 318.3 | 6.2 | 29.5 | 0.3 | 326. |
| 1.7 | 10.8 | 594.4 | 950.0 | 27.4 | 6.1 | 149.9 | 7.7 | -3.8 | 6.6 | 301.0 | 318.3 | 6.2 | 32.6 | 0.6 | 327. |
| 2.2 | 13.3 | 926.1 | 925.0 | 21.0 | 5.1 | 156.3 | 8.3 | -3.3 | 7.6 | 300.6 | 317.3 | 6.0 | 35.3 | 1.1 | 329. |
| 2.9 | 15.2 | 1062.3 | 900.0 | 19.7 | 4.8 | 166.4 | 7.3 | -1.7 | 7.1 | 300.8 | 317.5 | 6.0 | 39.6 | 1.4 | 332. |
| 3.3 | 17.3 | 1703.3 | 875.0 | 16.5 | 4.7 | 173.0 | 6.7 | -0.8 | 6.7 | 300.9 | 318.0 | 6.2 | 45.6 | 1.8 | 336. |
| 4.9 | 19.5 | 1549.1 | 850.0 | 14.1 | 4.2 | 175.7 | 7.2 | -0.5 | 7.2 | 300.9 | 317.6 | 6.1 | 51.2 | 2.1 | 339. |
| 5.7 | 21.7 | 1470.2 | 825.0 | 11.6 | 3.3 | 189.2 | 6.9 | 2.5 | 6.8 | 301.1 | 317.5 | 5.9 | 56.2 | 2.5 | 342. |
| 6.4 | 24.0 | 2356.6 | 800.0 | 9.1 | 2.6 | 201.0 | 5.8 | 2.9 | 5.0 | 301.6 | 317.0 | 5.8 | 63.6 | 2.9 | 347. |
| 7.6 | 26.3 | 2319.4 | 775.0 | 7.3 | 3.3 | 210.4 | 5.6 | 2.7 | 5.0 | 301.6 | 319.1 | 7.2 | 76.0 | 3.2 | 352. |
| 9.3 | 24.6 | 2569.7 | 750.0 | 7.1 | 4.7 | 228.4 | 3.6 | 2.7 | 2.4 | 304.3 | 324.3 | 7.2 | 84.6 | 3.5 | 356. |
| 10.0 | 31.0 | 2968.5 | 725.0 | 5.6 | 2.5 | 226.8 | 2.1 | 1.5 | 1.4 | 305.6 | 323.6 | 6.3 | 80.2 | 3.5 | 358. |
| 11.0 | 33.4 | 3155.7 | 700.0 | 4.4 | 0.3 | 198.5 | 0.8 | 0.3 | 0.8 | 307.4 | 323.2 | 5.5 | 73.2 | 3.6 | 359. |
| 12.1 | 35.4 | 3451.5 | 675.0 | 3.3 | -3.1 | 215.6 | 0.4 | 0.3 | 0.3 | 309.4 | 322.6 | 4.5 | 62.7 | 3.6 | 359. |
| 13.2 | 39.2 | 3756.4 | 625.0 | 1.1 | -5.7 | 335.4 | 2.4 | 1.0 | -2.2 | 310.2 | 321.7 | 3.9 | 60.6 | 3.6 | 359. |
| 14.1 | 43.9 | 4370.9 | 600.0 | -1.3 | -8.9 | 346.0 | 3.1 | 0.8 | -3.0 | 311.0 | 320.4 | 2.8 | 56.2 | 3.4 | 0. |
| 15.5 | 46.1 | 4729.2 | 575.0 | -6.3 | -15.5 | 305.2 | 3.2 | 2.6 | -1.9 | 311.5 | 320.0 | 2.0 | 45.3 | 3.0 | 3. |
| 19.4 | 51.6 | 5436.9 | 525.0 | -8.6 | -25.2 | 288.8 | 4.9 | 4.6 | -1.6 | 314.1 | 317.0 | 0.9 | 24.5 | 3.0 | 9. |
| 20.7 | 54.4 | 5912.7 | 500.0 | -12.0 | -35.3 | 308.0 | 4.8 | 3.6 | -2.9 | 316.1 | 319.1 | 0.4 | 12.2 | 2.7 | 24. |
| 23.5 | 60.3 | 6609.1 | 475.0 | -14.7 | -36.7 | 277.6 | 6.8 | 6.7 | -0.9 | 319.6 | 321.0 | 0.3 | 13.3 | 2.9 | 33. |
| 25.3 | 63.3 | 7479.1 | 425.0 | -21.1 | -44.9 | 290.9 | 7.9 | 7.5 | -2.3 | 319.6 | 320.5 | 0.3 | 13.8 | 3.2 | 44. |
| 26.4 | 66.5 | 7947.4 | 400.0 | -26.3 | -47.5 | 290.9 | 12.5 | 11.7 | -4.5 | 324.0 | 324.5 | 0.1 | 9.4 | 4.1 | 66. |
| 29.7 | 71.1 | 9441.6 | 350.0 | -30.8 | -52.3 | 293.6 | 15.5 | 14.2 | -6.2 | 326.7 | 327.2 | 0.1 | 9.4 | 5.2 | 77. |
| 31.4 | 76.7 | 9517.4 | 300.0 | -36.9 | -53.0 | 292.9 | 21.4 | 19.6 | -8.3 | 326.7 | 329.0 | 0.1 | 13.6 | 6.5 | 86. |
| 34.1 | 83.3 | 10177.2 | 250.0 | -43.2 | -59.9 | 273.6 | 23.6 | 22.3 | -0.7 | 333.0 | 327.6 | 0.1 | 9.9 | 6.5 | 86. |
| 40.4 | 92.5 | 11420.1 | 225.0 | -55.4 | -61.6 | 271.6 | 22.4 | 22.3 | -1.9 | 333.6 | 329.9 | 0.9 | 999.9 | 13.9 | 97. |
| 43.1 | 97.7 | 12160.7 | 200.0 | -61.6 | -69.9 | 275.1 | 23.6 | 23.5 | -2.1 | 335.2 | 329.9 | 0.9 | 999.9 | 20.4 | 96. |
| 46.1 | 102.9 | 12991.1 | 175.0 | -64.0 | -69.9 | 276.1 | 23.6 | 23.6 | -2.5 | 344.3 | 329.9 | 0.9 | 999.9 | 28.2 | 95. |
| 49.5 | 107.5 | 14910.5 | 150.0 | -62.3 | -69.9 | 279.3 | 25.1 | 24.8 | -4.0 | 362.8 | 329.9 | 0.9 | 999.9 | 32.9 | 96. |
| 53.5 | 113.5 | 15054.3 | 125.0 | -64.1 | -69.9 | 289.4 | 25.9 | 24.4 | -6.6 | 378.9 | 329.9 | 0.9 | 999.9 | 39.5 | 97. |
| 58.7 | 120.3 | 16913.6 | 100.0 | -65.9 | -69.9 | 293.7 | 15.5 | 12.3 | -9.5 | 400.5 | 329.9 | 0.9 | 999.9 | 52.0 | 101. |
| 63.5 | 128.0 | 18151.7 | 75.0 | -64.8 | -69.9 | 307.7 | 6.5 | 4.3 | -4.8 | 437.0 | 329.9 | 0.9 | 999.9 | 55.6 | 103. |
| 71.4 | 137.5 | 20658.8 | 50.0 | -54.0 | -69.9 | 318.1 | 15.2 | 15.2 | -0.0 | 504.7 | 329.9 | 0.9 | 999.9 | 60.1 | 104. |
| 84.3 | 169.0 | 25147.4 | 25.0 | -45.0 | -69.9 | 270.1 | 15.2 | 15.2 | -0.0 | 655.3 | 329.9 | 0.9 | 999.9 | 60.1 | 104. |

3 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 4 BY TEMP MEANS TEMPERATURE OR TIME MAY HAVE BEEN INTERPOLATED
 5 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 340
LITTLE ROCK, ARKANSAS
20 APRIL 1979
205 GMT

| TIME MM | CNTCT | HEIGHT GPM | PRES MS | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | L COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 6.3 | 172.0 | 997.5 | 23.3 | 11.7 | 160.0 | 3.6 | -1.2 | 3.4 | 296.7 | 319.9 | 8.7 | 48.0 | 0.0 | 0.0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 0.7 | 8.4 | 371.1 | 975.0 | 23.1 | 8.7 | 170.5 | 13.3 | -2.2 | 13.1 | 298.4 | 318.2 | 7.3 | 39.9 | 0.4 | 344.0 |
| 1.6 | 10.7 | 597.0 | 950.0 | 21.5 | 8.2 | 171.0 | 13.2 | -2.1 | 13.0 | 299.0 | 318.7 | 7.2 | 42.5 | 1.1 | 349.0 |
| 2.3 | 13.1 | 927.1 | 925.0 | 19.3 | 7.9 | 169.5 | 13.7 | -2.5 | 13.5 | 299.1 | 318.8 | 7.2 | 47.4 | 1.7 | 349.0 |
| 3.1 | 15.5 | 1261.9 | 900.0 | 17.0 | 7.5 | 173.8 | 11.0 | -1.2 | 10.9 | 299.1 | 318.9 | 7.3 | 53.4 | 2.4 | 350.0 |
| 4.1 | 18.0 | 1301.4 | 875.0 | 15.3 | 6.2 | 180.1 | 9.0 | 0.0 | 9.0 | 299.7 | 318.4 | 6.8 | 54.5 | 2.9 | 351.0 |
| 5.0 | 20.4 | 1346.4 | 850.0 | 13.0 | 5.0 | 179.0 | 9.2 | -0.2 | 9.2 | 299.8 | 317.6 | 6.5 | 58.4 | 3.4 | 353.0 |
| 6.0 | 22.9 | 1796.3 | 825.0 | 10.4 | 3.7 | 181.6 | 7.9 | 0.2 | 7.9 | 299.6 | 316.4 | 6.1 | 62.9 | 3.8 | 353.0 |
| 6.9 | 25.4 | 2252.2 | 800.0 | 9.0 | 4.5 | 196.8 | 5.9 | 1.7 | 5.6 | 300.8 | 319.1 | 6.6 | 73.2 | 4.2 | 355.0 |
| 7.7 | 28.0 | 2315.2 | 775.0 | 8.3 | 4.9 | 187.5 | 2.8 | 0.4 | 2.8 | 302.8 | 322.4 | 7.1 | 79.2 | 4.4 | 356.0 |
| 8.7 | 30.6 | 2596.2 | 750.0 | 6.9 | 3.2 | 149.1 | 2.4 | -1.2 | 2.0 | 304.1 | 322.3 | 6.5 | 77.3 | 4.5 | 356.0 |
| 9.7 | 33.2 | 2364.5 | 725.0 | 5.1 | 2.0 | 154.3 | 2.3 | -1.4 | 3.0 | 305.0 | 322.4 | 6.1 | 80.8 | 4.7 | 355.0 |
| 10.6 | 35.9 | 3150.6 | 700.0 | 3.5 | -0.8 | 138.3 | 3.0 | -2.0 | 2.3 | 306.4 | 321.2 | 5.2 | 73.3 | 4.9 | 356.0 |
| 11.6 | 38.6 | 3445.5 | 675.0 | 2.3 | -4.3 | 100.7 | 3.1 | -3.0 | 0.8 | 308.2 | 320.3 | 4.1 | 61.8 | 5.0 | 352.0 |
| 12.7 | 41.3 | 3749.6 | 650.0 | 0.1 | -5.1 | 62.7 | 3.4 | -3.0 | -1.6 | 309.1 | 321.0 | 4.0 | 67.9 | 5.0 | 353.0 |
| 13.9 | 44.2 | 4062.6 | 625.0 | -2.5 | -8.3 | 53.0 | 3.8 | -3.0 | -2.3 | 309.6 | 319.3 | 3.3 | 66.3 | 4.9 | 347.0 |
| 15.1 | 47.0 | 4385.2 | 600.0 | -4.9 | -11.1 | 45.2 | 3.3 | -2.4 | -2.3 | 310.4 | 318.7 | 2.7 | 62.1 | 4.7 | 344.0 |
| 16.2 | 52.0 | 4718.2 | 575.0 | -7.9 | -16.2 | 21.2 | 3.1 | -1.1 | -2.9 | 310.7 | 316.5 | 1.9 | 51.3 | 4.6 | 342.0 |
| 17.6 | 53.0 | 5362.5 | 550.0 | -9.7 | -23.0 | 347.3 | 3.4 | 0.7 | -3.1 | 312.6 | 316.1 | 1.1 | 32.5 | 4.3 | 341.0 |
| 18.7 | 56.7 | 5420.4 | 525.0 | -9.5 | -27.4 | 342.9 | 3.3 | 1.0 | -3.1 | 317.0 | 317.3 | 0.1 | 2.8 | 4.1 | 341.0 |
| 20.1 | 59.1 | 5725.5 | 500.0 | -12.3 | -35.1 | 310.2 | 4.8 | 3.7 | -3.1 | 318.0 | 318.5 | 0.1 | 6.5 | 3.9 | 342.0 |
| 21.5 | 62.4 | 6185.6 | 475.0 | -15.3 | -41.4 | 288.2 | 10.0 | 9.5 | -3.1 | 319.1 | 319.8 | 0.2 | 5.6 | 3.5 | 349.0 |
| 22.9 | 65.6 | 6591.8 | 450.0 | -18.3 | -47.9 | 290.1 | 10.3 | 9.7 | -3.6 | 320.3 | 320.7 | 0.1 | 3.9 | 2.9 | 340.0 |
| 24.7 | 67.0 | 7215.9 | 425.0 | -21.3 | -53.6 | 303.2 | 8.2 | 6.9 | -4.5 | 321.7 | 321.9 | 0.1 | 3.6 | 3.0 | 17.0 |
| 25.5 | 72.4 | 7450.7 | 400.0 | -24.3 | -55.0 | 307.3 | 9.4 | 7.5 | -5.7 | 323.5 | 323.7 | 0.1 | 3.9 | 2.9 | 30.0 |
| 27.1 | 76.1 | 7829.0 | 375.0 | -26.2 | -53.2 | 306.9 | 13.1 | 10.5 | -7.8 | 326.9 | 327.2 | 0.1 | 6.0 | 2.9 | 52.0 |
| 29.7 | 79.9 | 8423.4 | 350.0 | -30.9 | -46.8 | 303.2 | 16.6 | 13.9 | -9.1 | 327.1 | 327.7 | 0.2 | 19.1 | 3.6 | 76.0 |
| 30.5 | 83.9 | 9044.9 | 325.0 | -34.9 | -50.3 | 291.8 | 17.4 | 16.2 | -6.5 | 328.6 | 329.0 | 0.1 | 15.8 | 5.1 | 89.0 |
| 32.1 | 87.9 | 9498.0 | 300.0 | -39.3 | -59.9 | 284.9 | 18.4 | 17.8 | -4.7 | 330.0 | 329.9 | 99.9 | 99.9 | 6.9 | 94.0 |
| 34.5 | 92.2 | 10377.2 | 275.0 | -45.0 | -69.9 | 283.6 | 20.7 | 20.1 | -4.9 | 330.1 | 329.9 | 99.9 | 99.9 | 9.3 | 97.0 |
| 36.5 | 96.6 | 10716.4 | 250.0 | -50.3 | -79.9 | 271.0 | 24.2 | 24.2 | -0.4 | 331.3 | 329.9 | 99.9 | 99.9 | 12.0 | 97.0 |
| 39.1 | 101.4 | 11395.0 | 225.0 | -55.7 | -89.9 | 273.0 | 25.1 | 25.0 | -1.3 | 333.1 | 329.9 | 99.9 | 99.9 | 15.8 | 95.0 |
| 41.7 | 106.4 | 12136.7 | 200.0 | -61.1 | -99.9 | 271.6 | 27.5 | 27.5 | -0.8 | 336.0 | 329.9 | 99.9 | 99.9 | 19.9 | 95.0 |
| 44.3 | 112.0 | 12452.2 | 175.0 | -67.2 | -99.9 | 276.9 | 27.4 | 27.2 | -3.3 | 339.0 | 329.9 | 99.9 | 99.9 | 25.1 | 94.0 |
| 48.3 | 119.0 | 13399.4 | 150.0 | -62.7 | -99.9 | 286.9 | 26.6 | 25.5 | -7.7 | 362.1 | 329.9 | 99.9 | 99.9 | 30.3 | 96.0 |
| 52.1 | 124.5 | 14014.2 | 125.0 | -63.3 | -97.9 | 298.0 | 23.3 | 20.6 | -10.9 | 360.3 | 329.9 | 99.9 | 99.9 | 36.7 | 99.0 |
| 57.2 | 132.0 | 16176.4 | 100.0 | -67.2 | -99.9 | 293.1 | 17.8 | 16.4 | -7.0 | 397.8 | 329.9 | 99.9 | 99.9 | 42.2 | 101.0 |
| 62.7 | 140.0 | 19100.5 | 75.0 | -70.3 | -99.9 | 303.4 | 12.5 | 10.5 | -6.9 | 425.6 | 329.9 | 99.9 | 99.9 | 47.6 | 103.0 |
| 71.0 | 149.0 | 20581.4 | 50.0 | -59.9 | -99.9 | 320.3 | 6.2 | 4.0 | -4.8 | 504.8 | 329.9 | 99.9 | 99.9 | 50.4 | 105.0 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 340
LITTLE ROCK, ARKANSAS
20 APRIL 1979
505 GMT

| TIME MIN | CNTCH | HEIGHT GPM | PRES MB | TEMP CG C | DEW PT CG C | DIR DG | SPEED M/SEC | L COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 6.9 | 172.0 | 997.3 | 20.0 | 11.7 | 180.0 | 2.6 | 0.0 | 2.6 | 293.4 | 316.4 | 8.7 | 59.0 | 0.0 | 0.0 |
| 99.9 | 99.9 | 99.9 | 1070.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 0.6 | 9.0 | 367.4 | 975.0 | 20.1 | 12.1 | 175.4 | 14.0 | -1.4 | 13.9 | 295.4 | 319.7 | 9.2 | 60.0 | 0.3 | 351.0 |
| 1.3 | 11.4 | 591.9 | 950.0 | 19.6 | 11.3 | 178.2 | 12.2 | -0.4 | 12.2 | 297.1 | 320.9 | 8.9 | 58.5 | 0.9 | 354.0 |
| 2.1 | 13.4 | 971.2 | 925.0 | 18.3 | 10.4 | 186.3 | 10.9 | 1.6 | 10.8 | 298.0 | 321.3 | 7.6 | 60.0 | 1.4 | 357.0 |
| 2.9 | 16.7 | 1255.5 | 900.0 | 16.6 | 8.2 | 196.3 | 11.0 | 3.1 | 10.5 | 298.6 | 319.3 | 7.6 | 57.6 | 1.9 | 1.0 |
| 3.9 | 18.7 | 1234.8 | 875.0 | 14.7 | 6.0 | 201.7 | 10.2 | 3.8 | 9.5 | 299.1 | 317.5 | 6.7 | 55.8 | 2.5 | 5.0 |
| 4.7 | 21.3 | 1539.4 | 850.0 | 12.7 | 5.2 | 197.6 | 7.8 | 2.4 | 7.4 | 299.5 | 317.6 | 6.6 | 60.2 | 3.0 | 9.0 |
| 5.7 | 23.9 | 1749.6 | 825.0 | 11.4 | 6.4 | 177.8 | 7.5 | -0.3 | 7.5 | 300.7 | 321.2 | 7.5 | 72.7 | 3.4 | 8.0 |
| 6.4 | 26.4 | 2046.7 | 800.0 | 9.7 | 6.9 | 172.1 | 7.1 | -1.0 | 7.0 | 301.5 | 323.0 | 7.8 | 82.9 | 3.7 | 7.0 |
| 7.4 | 29.1 | 2310.1 | 775.0 | 9.1 | 4.1 | 163.1 | 6.0 | -1.7 | 5.8 | 302.5 | 321.0 | 6.6 | 75.8 | 4.1 | 5.0 |
| 8.3 | 31.9 | 2590.8 | 750.0 | 7.0 | 2.4 | 160.9 | 5.4 | -1.8 | 5.1 | 306.2 | 321.8 | 6.3 | 74.7 | 4.4 | 3.0 |
| 9.4 | 34.4 | 2859.4 | 725.0 | 5.6 | 0.7 | 152.0 | 4.8 | -2.3 | 4.2 | 305.7 | 321.5 | 5.6 | 70.4 | 4.6 | 2.0 |
| 10.3 | 37.2 | 3146.3 | 700.0 | 4.6 | -3.7 | 136.3 | 5.3 | -3.7 | 3.8 | 307.6 | 319.8 | 4.2 | 54.7 | 4.9 | 363.0 |
| 11.4 | 40.0 | 3461.7 | 675.0 | 2.1 | -6.2 | 116.5 | 5.4 | -4.8 | 2.4 | 308.0 | 318.5 | 3.6 | 54.1 | 5.1 | 357.0 |
| 12.4 | 42.9 | 3746.4 | 650.0 | 0.8 | -11.2 | 110.1 | 4.8 | -4.5 | 1.7 | 309.9 | 317.5 | 2.5 | 40.1 | 5.2 | 353.0 |
| 13.5 | 45.9 | 4043.2 | 625.0 | -2.2 | -12.3 | 93.7 | 3.9 | -3.9 | 0.6 | 310.0 | 317.2 | 2.4 | 45.7 | 5.4 | 350.0 |
| 14.7 | 48.9 | 4393.0 | 600.0 | -6.4 | -19.0 | 100.7 | 2.3 | -2.3 | 0.4 | 311.0 | 315.7 | 1.5 | 32.6 | 5.4 | 345.0 |
| 15.9 | 51.9 | 4716.9 | 575.0 | -6.3 | -30.2 | 107.2 | 2.6 | -2.5 | 0.8 | 312.6 | 314.5 | 0.6 | 13.8 | 5.5 | 347.0 |
| 17.0 | 54.9 | 5044.3 | 550.0 | -6.6 | -38.4 | 98.7 | 4.4 | -4.4 | 0.1 | 316.2 | 317.1 | 0.2 | 5.9 | 5.6 | 344.0 |
| 18.7 | 57.1 | 5375.8 | 525.0 | -9.3 | -38.2 | 97.7 | 3.2 | -3.1 | 0.4 | 317.2 | 318.2 | 0.3 | 7.4 | 5.7 | 341.0 |
| 19.5 | 61.3 | 5900.7 | 500.0 | -12.4 | -39.2 | 289.8 | 3.3 | 3.1 | 0.8 | 317.9 | 318.8 | 0.2 | 8.5 | 5.7 | 340.0 |
| 22.4 | 64.6 | 6190.0 | 475.0 | -15.5 | -39.2 | 289.8 | 4.3 | 3.1 | -1.1 | 318.8 | 319.7 | 0.3 | 11.0 | 5.7 | 341.0 |
| 22.9 | 65.9 | 6597.0 | 450.0 | -17.1 | -44.6 | 283.8 | 4.3 | 4.2 | -1.0 | 321.8 | 322.4 | 0.2 | 7.0 | 5.4 | 344.0 |
| 23.5 | 71.6 | 7222.9 | 425.0 | -20.3 | -47.0 | 283.7 | 4.4 | 4.3 | -1.0 | 322.9 | 323.4 | 0.1 | 7.1 | 5.3 | 348.0 |
| 25.1 | 75.2 | 7459.3 | 400.0 | -23.2 | -44.9 | 290.9 | 8.1 | 7.1 | -4.1 | 324.9 | 325.5 | 0.2 | 11.5 | 5.0 | 352.0 |
| 26.0 | 74.9 | 7939.3 | 375.0 | -26.4 | -42.2 | 303.2 | 11.1 | 9.3 | -0.1 | 326.7 | 327.6 | 0.2 | 20.7 | 4.4 | 2.0 |
| 28.1 | 82.7 | 8433.4 | 350.0 | -30.9 | -42.2 | 298.4 | 12.8 | 11.5 | -5.7 | 327.1 | 328.1 | 0.3 | 31.7 | 4.0 | 17.0 |
| 30.1 | 96.8 | 8955.0 | 325.0 | -35.1 | -46.9 | 287.9 | 13.9 | 13.2 | -4.3 | 328.3 | 329.0 | 0.2 | 28.3 | 4.2 | 38.0 |
| 31.7 | 91.0 | 9598.7 | 300.0 | -39.1 | 99.9 | 281.1 | 15.0 | 14.7 | -2.9 | 330.3 | 330.9 | 99.9 | 99.9 | 4.9 | 54.0 |
| 33.2 | 95.4 | 10098.8 | 275.0 | -44.4 | 99.9 | 272.3 | 18.9 | 16.9 | -0.8 | 331.0 | 331.0 | 99.9 | 99.9 | 6.5 | 66.0 |
| 34.7 | 103.0 | 10729.4 | 250.0 | -50.1 | 99.9 | 268.3 | 22.7 | 22.6 | 2.2 | 331.7 | 331.7 | 99.9 | 99.9 | 8.7 | 71.0 |
| 38.1 | 105.9 | 11407.4 | 225.0 | -56.3 | 99.9 | 270.2 | 25.4 | 25.4 | -0.1 | 332.2 | 332.2 | 99.9 | 99.9 | 12.1 | 75.0 |
| 41.3 | 110.2 | 12145.6 | 200.0 | -61.8 | 99.9 | 271.2 | 27.3 | 27.2 | -0.6 | 334.9 | 334.9 | 99.9 | 99.9 | 16.5 | 80.0 |
| 43.4 | 116.0 | 12942.0 | 175.0 | -67.7 | 99.9 | 272.1 | 27.1 | 27.1 | -1.0 | 338.2 | 338.2 | 99.9 | 99.9 | 20.5 | 82.0 |
| 46.1 | 122.3 | 13890.9 | 150.0 | -85.4 | 99.9 | 285.1 | 25.4 | 24.5 | -6.6 | 357.5 | 357.5 | 99.9 | 99.9 | 24.4 | 85.0 |
| 50.3 | 129.0 | 15004.0 | 125.0 | -64.2 | 99.9 | 297.3 | 19.0 | 16.9 | -4.7 | 378.8 | 378.8 | 99.9 | 99.9 | 30.0 | 90.0 |
| 54.4 | 136.7 | 16365.0 | 100.0 | -67.3 | 99.9 | 289.7 | 14.2 | 13.3 | -4.8 | 397.8 | 397.8 | 99.9 | 99.9 | 33.3 | 93.0 |
| 60.2 | 145.5 | 19090.8 | 75.0 | -67.9 | 99.9 | 296.3 | 12.6 | 11.3 | -5.6 | 430.5 | 430.5 | 99.9 | 99.9 | 37.7 | 95.0 |
| 68.3 | 158.3 | 20588.7 | 50.0 | -60.0 | 99.9 | 321.8 | 6.6 | 4.1 | -5.2 | 502.1 | 502.1 | 99.9 | 99.9 | 41.2 | 98.0 |
| 91.2 | 167.0 | 25017.9 | 25.0 | -50.2 | 99.9 | 284.8 | 5.0 | 4.8 | -1.3 | 640.3 | 640.3 | 99.9 | 99.9 | 43.8 | 99.0 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 340
 LITTLE ROCK, ARKANSAS

 20 APRIL 1979
 805 GMT

| TIME MIN. | CHTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT 7 DG K | E POT 7 DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|--------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 6.4 | 172.0 | 996.8 | 17.9 | 13.2 | 180.0 | 2.1 | 0.0 | 2.1 | 291.3 | 316.4 | 9.6 | 74.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.4 | 8.6 | 362.2 | 975.0 | 19.2 | 12.7 | 184.7 | 11.8 | 1.0 | 11.8 | 294.5 | 319.7 | 9.5 | 66.0 | 0.4 | 357. |
| 1.4 | 10.7 | 586.0 | 950.0 | 19.0 | 12.8 | 191.9 | 11.8 | 2.4 | 11.5 | 296.5 | 322.7 | 9.9 | 67.2 | 1.0 | 3. |
| 2.2 | 12.8 | 814.7 | 925.0 | 17.3 | 9.9 | 190.6 | 10.6 | 3.0 | 10.2 | 297.0 | 319.4 | 8.3 | 61.7 | 1.6 | 8. |
| 3.0 | 15.0 | 1068.1 | 900.0 | 15.2 | 8.2 | 192.3 | 9.6 | 2.0 | 9.3 | 297.2 | 317.8 | 7.6 | 63.2 | 2.1 | 10. |
| 3.9 | 17.3 | 1266.5 | 875.0 | 13.5 | 4.2 | 188.2 | 8.4 | 1.2 | 8.3 | 297.8 | 314.9 | 6.3 | 56.3 | 2.5 | 10. |
| 4.7 | 19.5 | 1530.3 | 850.0 | 13.3 | -4.0 | 182.7 | 7.7 | 0.4 | 7.7 | 300.1 | 310.0 | 3.5 | 30.7 | 2.9 | 9. |
| 5.6 | 21.7 | 1789.7 | 825.0 | 11.3 | 4.8 | 172.9 | 8.0 | -1.0 | 8.0 | 300.6 | 318.9 | 6.7 | 65.2 | 3.3 | 8. |
| 6.4 | 24.0 | 2237.1 | 800.0 | 9.4 | 7.5 | 172.3 | 8.6 | -1.2 | 8.5 | 301.2 | 323.6 | 8.2 | 87.6 | 3.7 | 6. |
| 7.2 | 26.4 | 2700.9 | 775.0 | 9.1 | 5.0 | 172.6 | 8.2 | -1.1 | 8.1 | 302.6 | 322.2 | 7.1 | 80.3 | 4.1 | 5. |
| 8.1 | 28.7 | 2571.0 | 750.0 | 6.1 | 3.6 | 171.3 | 8.1 | -1.2 | 8.0 | 303.2 | 321.7 | 6.6 | 84.0 | 4.5 | 3. |
| 9.0 | 31.1 | 2947.0 | 725.0 | 5.8 | 0.3 | 168.8 | 8.8 | -1.9 | 5.4 | 305.8 | 321.3 | 5.4 | 68.0 | 4.9 | 2. |
| 10.0 | 33.5 | 3135.6 | 700.0 | 4.2 | -4.1 | 145.7 | 6.5 | -3.7 | 5.4 | 307.2 | 319.0 | 3.2 | 45.0 | 5.5 | 358. |
| 10.3 | 35.9 | 3430.7 | 675.0 | 2.7 | -7.8 | 131.8 | 6.4 | -4.8 | 4.2 | 308.6 | 319.1 | 1.7 | 26.5 | 6.4 | 350. |
| 11.9 | 38.4 | 3735.2 | 650.0 | 0.4 | -10.0 | 126.1 | 6.0 | -4.8 | 3.5 | 309.4 | 317.7 | 2.7 | 45.4 | 5.7 | 355. |
| 12.9 | 41.3 | 4049.4 | 625.0 | -2.2 | -12.2 | 134.9 | 6.3 | -4.5 | 4.5 | 310.0 | 317.3 | 2.4 | 45.0 | 5.9 | 352. |
| 13.9 | 43.6 | 4371.1 | 600.0 | -5.1 | -16.7 | 142.8 | 4.7 | -2.9 | 3.7 | 310.3 | 315.7 | 1.7 | 39.8 | 6.2 | 351. |
| 14.3 | 46.2 | 4704.4 | 575.0 | -7.0 | -23.7 | 151.8 | 3.5 | -1.6 | 3.2 | 311.0 | 315.1 | 1.0 | 26.5 | 6.4 | 350. |
| 16.3 | 48.9 | 5050.8 | 550.0 | -6.8 | -35.0 | 133.2 | 4.4 | -3.2 | 3.0 | 316.1 | 317.3 | 0.3 | 8.4 | 6.7 | 349. |
| 17.3 | 51.7 | 5412.3 | 525.0 | -9.4 | -35.7 | 128.4 | 5.0 | -3.9 | 3.1 | 317.1 | 318.3 | 0.3 | 9.6 | 6.9 | 367. |
| 18.5 | 54.4 | 5786.9 | 500.0 | -12.6 | -36.7 | 155.1 | 3.1 | -1.3 | 2.8 | 317.7 | 318.9 | 0.3 | 11.2 | 7.2 | 366. |
| 19.3 | 57.4 | 6175.9 | 475.0 | -16.2 | -37.3 | 198.3 | 2.2 | 0.7 | 2.0 | 318.0 | 319.1 | 0.3 | 14.1 | 7.4 | 366. |
| 21.2 | 60.4 | 6581.6 | 450.0 | -17.7 | -42.2 | 270.9 | 2.4 | 2.4 | -0.0 | 321.0 | 321.7 | 0.2 | 9.6 | 7.4 | 347. |
| 22.4 | 63.5 | 7007.2 | 425.0 | -20.2 | -43.0 | 261.6 | 3.1 | 3.1 | 0.5 | 323.1 | 323.9 | 0.2 | 10.9 | 7.4 | 368. |
| 23.9 | 66.6 | 7454.6 | 400.0 | -22.7 | -38.1 | 288.6 | 5.2 | 4.9 | -1.7 | 325.5 | 326.7 | 0.4 | 23.0 | 7.3 | 351. |
| 25.4 | 70.0 | 7821.6 | 375.0 | -26.5 | -34.0 | 288.9 | 7.0 | 6.8 | -1.8 | 326.5 | 328.5 | 0.6 | 43.8 | 7.0 | 355. |
| 26.9 | 73.4 | 8418.4 | 350.0 | -30.6 | -36.2 | 268.5 | 8.7 | 8.7 | 0.2 | 327.6 | 329.3 | 0.5 | 57.7 | 6.9 | 0. |
| 28.4 | 76.7 | 9043.0 | 325.0 | -35.0 | -38.7 | 262.2 | 12.3 | 12.2 | 1.7 | 329.4 | 329.9 | 0.4 | 63.4 | 7.2 | 0. |
| 30.3 | 80.4 | 9692.9 | 300.0 | -39.9 | 99.9 | 270.6 | 13.6 | 13.6 | -0.1 | 329.2 | 329.9 | 99.9 | 99.9 | 7.5 | 19. |
| 32.1 | 84.3 | 10380.5 | 275.0 | -45.2 | 99.9 | 267.0 | 16.6 | 16.6 | 0.9 | 329.8 | 329.9 | 99.9 | 99.9 | 9.2 | 30. |
| 34.2 | 88.3 | 11095.6 | 250.0 | -50.9 | 99.9 | 258.7 | 20.9 | 20.5 | 4.1 | 330.5 | 329.9 | 99.9 | 99.9 | 9.8 | 41. |
| 36.4 | 92.7 | 11847.4 | 225.0 | -55.2 | 99.9 | 257.3 | 28.0 | 33.3 | 6.1 | 333.9 | 329.9 | 99.9 | 99.9 | 12.6 | 50. |
| 38.4 | 97.2 | 12627.2 | 200.0 | -61.8 | 99.9 | 257.0 | 34.2 | 33.3 | 7.7 | 334.9 | 329.9 | 99.9 | 99.9 | 16.3 | 56. |
| 40.3 | 102.1 | 12944.3 | 175.0 | -67.2 | 99.9 | 272.2 | 26.3 | 26.1 | -1.0 | 339.1 | 329.9 | 99.9 | 99.9 | 20.3 | 62. |
| 43.7 | 107.6 | 13874.9 | 150.0 | -65.0 | 99.9 | 288.2 | 22.4 | 21.6 | -5.9 | 358.2 | 329.9 | 99.9 | 99.9 | 23.3 | 67. |
| 47.1 | 113.5 | 14783.7 | 125.0 | -64.5 | 99.9 | 288.4 | 17.1 | 16.2 | -5.4 | 376.2 | 329.9 | 99.9 | 99.9 | 26.8 | 73. |
| 51.5 | 120.3 | 15461.7 | 100.0 | -66.2 | 99.9 | 291.8 | 17.4 | 17.1 | -3.6 | 399.8 | 329.9 | 99.9 | 99.9 | 30.2 | 77. |
| 46.4 | 128.3 | 16065.9 | 75.0 | -69.7 | 99.9 | 312.2 | 12.4 | 9.2 | -8.3 | 428.0 | 329.9 | 99.9 | 99.9 | 33.9 | 82. |
| 64.1 | 138.0 | 20558.6 | 50.0 | -59.9 | 99.9 | 340.6 | 5.5 | 1.8 | -5.2 | 502.3 | 329.9 | 99.9 | 99.9 | 36.2 | 87. |
| 76.2 | 150.0 | 24978.9 | 25.0 | -50.6 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 639.1 | 329.9 | 99.9 | 99.9 | 38.6 | 89. |

 ° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 340
LITTLE ROCK, ARKANSAS
20 APRIL 1979
1105 GMT

| TIME MIN | CNTCT | WEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | V COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTQ GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 7.0 | 172.0 | 997.0 | 16.7 | 13.4 | 180.0 | 2.1 | 0.0 | 2.1 | 290.1 | 315.3 | 9.8 | 81.0 | 0.0 | 0. |
| 00.9 | 99.9 | 99.9 | 1200.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.5 | 9.0 | 163.2 | 975.0 | 19.8 | 14.5 | 199.7 | 8.0 | 2.7 | 7.5 | 294.1 | 322.2 | 10.7 | 76.1 | 0.3 | 12. |
| 1.5 | 11.4 | 517.1 | 950.0 | 19.3 | 12.0 | 192.5 | 8.2 | 1.8 | 8.0 | 296.7 | 321.8 | 9.4 | 63.2 | 0.7 | 15. |
| 2.3 | 13.4 | 815.9 | 925.0 | 17.4 | 8.3 | 179.8 | 7.8 | -0.7 | 7.8 | 297.2 | 317.4 | 7.5 | 55.1 | 1.1 | 12. |
| 3.1 | 16.2 | 1749.8 | 920.0 | 16.1 | 7.4 | 175.3 | 8.5 | -0.7 | 8.4 | 298.1 | 318.1 | 7.4 | 57.6 | 1.5 | 6. |
| 4.0 | 18.6 | 1238.9 | 975.0 | 15.3 | -1.5 | 186.3 | 9.0 | 1.0 | 8.9 | 299.7 | 310.8 | 3.9 | 31.6 | 1.9 | 5. |
| 4.7 | 21.1 | 1533.5 | 950.0 | 13.6 | -4.8 | 190.7 | 9.3 | 1.7 | 9.2 | 300.4 | 309.5 | 3.2 | 27.5 | 2.4 | 6. |
| 5.8 | 23.6 | 1744.2 | 925.0 | 12.0 | -9.2 | 189.8 | 9.8 | 1.5 | 9.7 | 301.3 | 308.6 | 2.5 | 23.4 | 2.9 | 7. |
| 6.8 | 26.1 | 2360.8 | 900.0 | 10.3 | -2.2 | 191.4 | 9.5 | 1.9 | 9.3 | 302.2 | 313.8 | 4.1 | 41.2 | 3.5 | 7. |
| 7.9 | 28.7 | 2342.2 | 875.0 | 8.2 | 0.4 | 193.4 | 8.3 | 0.1 | 8.3 | 302.6 | 317.1 | 5.2 | 58.7 | 4.0 | 8. |
| 9.7 | 31.3 | 2574.6 | 850.0 | 6.3 | 4.9 | 175.2 | 8.8 | -0.7 | 8.8 | 303.4 | 323.7 | 7.3 | 91.2 | 4.5 | 6. |
| 9.7 | 33.9 | 2852.1 | 825.0 | 4.6 | 2.1 | 178.1 | 10.2 | -0.3 | 10.2 | 304.5 | 321.9 | 6.2 | 86.2 | 5.0 | 5. |
| 10.4 | 35.7 | 3119.3 | 800.0 | 3.8 | 0.9 | 172.7 | 8.5 | -1.1 | 8.4 | 306.7 | 323.5 | 5.9 | 81.4 | 5.4 | 5. |
| 11.4 | 38.3 | 3413.4 | 775.0 | 2.1 | -4.0 | 155.7 | 7.3 | -3.0 | 6.7 | 308.0 | 320.4 | 4.2 | 64.1 | 5.9 | 3. |
| 12.4 | 41.1 | 3737.4 | 650.0 | 0.6 | -7.8 | 139.4 | 7.6 | -5.0 | 5.7 | 309.7 | 319.4 | 3.3 | 53.2 | 6.3 | 1. |
| 13.4 | 44.0 | 4551.2 | 625.0 | -1.7 | -10.6 | 118.7 | 6.9 | -8.0 | 3.3 | 310.6 | 318.8 | 2.7 | 50.4 | 6.6 | 35. |
| 16.3 | 46.9 | 4374.9 | 600.0 | -4.2 | -13.7 | 118.9 | 5.0 | -8.4 | 2.4 | 311.3 | 318.1 | 2.2 | 47.5 | 6.8 | 35. |
| 16.2 | 49.9 | 4709.0 | 575.0 | -6.3 | -17.9 | 114.3 | 3.1 | -2.2 | 2.2 | 312.6 | 317.7 | 1.6 | 37.1 | 6.9 | 35. |
| 17.2 | 52.9 | 5356.2 | 550.0 | -7.5 | -25.7 | 101.3 | 4.8 | -3.0 | 3.8 | 315.2 | 318.1 | 0.9 | 21.6 | 7.2 | 35. |
| 18.5 | 55.0 | 5417.4 | 525.0 | -9.4 | -36.1 | 139.7 | 6.2 | -8.0 | 4.7 | 318.3 | 319.7 | 0.4 | 18.4 | 7.6 | 36. |
| 19.9 | 58.3 | 5793.4 | 500.0 | -11.8 | -34.7 | 143.0 | 6.4 | -2.8 | 5.1 | 318.6 | 320.8 | 0.4 | 12.9 | 8.0 | 36. |
| 21.3 | 62.5 | 6193.5 | 475.0 | -15.0 | -35.9 | 113.4 | 3.8 | -3.5 | 1.5 | 319.4 | 320.7 | 0.4 | 14.7 | 8.5 | 36. |
| 23.1 | 66.9 | 6599.6 | 450.0 | -17.7 | -40.6 | 136.8 | 2.1 | 0.8 | -2.0 | 321.0 | 311.9 | 0.2 | 11.4 | 9.4 | 34. |
| 24.5 | 72.3 | 7116.0 | 425.0 | -13.7 | -37.3 | 200.6 | 2.7 | 2.7 | 0.4 | 323.7 | 325.0 | 0.4 | 19.3 | 8.3 | 36. |
| 26.0 | 75.9 | 7463.6 | 400.0 | -22.9 | -35.5 | 250.3 | 2.4 | 2.3 | 0.6 | 325.2 | 326.8 | 0.5 | 30.5 | 8.3 | 36. |
| 27.5 | 77.6 | 7932.8 | 375.0 | -27.0 | -31.3 | 247.7 | 4.7 | 4.4 | 1.8 | 325.9 | 328.5 | 0.8 | 68.8 | 8.3 | 35. |
| 29.2 | 81.3 | 8926.4 | 350.0 | -31.1 | -32.1 | 253.0 | 7.7 | 7.4 | 2.3 | 326.9 | 329.4 | 0.7 | 90.3 | 8.5 | 35. |
| 30.4 | 85.3 | 9947.3 | 325.0 | -35.4 | -36.7 | 263.0 | 8.6 | 8.6 | 1.1 | 327.8 | 329.6 | 0.5 | 87.9 | 9.6 | 36. |
| 32.9 | 88.5 | 9474.9 | 300.0 | -47.3 | 99.9 | 284.5 | 10.1 | 10.1 | 1.0 | 328.6 | 999.9 | 99.9 | 99.9 | 8.7 | 7. |
| 36.9 | 93.9 | 10085.0 | 275.0 | -45.6 | 99.9 | 250.4 | 15.7 | 15.2 | 3.7 | 329.1 | 999.9 | 99.9 | 99.9 | 9.2 | 15. |
| 37.2 | 95.4 | 10714.6 | 250.0 | -50.0 | 99.9 | 251.8 | 23.0 | 22.6 | 7.4 | 331.8 | 999.9 | 99.9 | 99.9 | 10.8 | 27. |
| 39.1 | 103.4 | 11774.5 | 225.0 | -56.2 | 99.9 | 250.0 | 27.4 | 25.7 | 9.4 | 332.4 | 999.9 | 99.9 | 99.9 | 13.6 | 37. |
| 41.4 | 108.5 | 12113.8 | 200.0 | -62.0 | 99.9 | 252.7 | 28.4 | 27.1 | 8.5 | 334.6 | 999.9 | 99.9 | 99.9 | 17.7 | 45. |
| 44.4 | 114.0 | 12988.4 | 175.0 | -67.5 | 99.9 | 272.5 | 23.6 | 23.6 | -1.0 | 330.6 | 999.9 | 99.9 | 99.9 | 20.9 | 51. |
| 47.5 | 120.7 | 13978.1 | 150.0 | -67.0 | 99.9 | 285.5 | 22.1 | 21.3 | -0.9 | 334.6 | 999.9 | 99.9 | 99.9 | 24.0 | 59. |
| 51.6 | 126.7 | 14991.2 | 125.0 | -63.4 | 99.9 | 295.3 | 15.8 | 14.3 | -4.7 | 380.3 | 999.9 | 99.9 | 99.9 | 26.8 | 67. |
| 56.3 | 133.8 | 16355.6 | 100.0 | -67.1 | 99.9 | 289.3 | 17.7 | 16.7 | -5.8 | 398.1 | 999.9 | 99.9 | 99.9 | 30.3 | 73. |
| 61.4 | 141.5 | 18057.4 | 75.0 | -69.8 | 99.9 | 314.3 | 9.9 | 7.1 | -8.9 | 403.4 | 999.9 | 99.9 | 99.9 | 33.7 | 78. |
| 69.4 | 149.7 | 20578.2 | 50.0 | -59.6 | 99.9 | 342.8 | 5.5 | 1.6 | -8.2 | 503.1 | 999.9 | 99.9 | 99.9 | 34.8 | 83. |
| 81.1 | 158.0 | 25022.1 | 25.0 | -48.3 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 645.9 | 999.9 | 99.9 | 99.9 | 37.1 | 87. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 4 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 349
HONETT, MISSOURI

19 APRIL 1979
1103 GMT

| TIME MIN | CHTCY | HEIGHT GPH | PRES MB | TEMP DEG C | DEW PT DEG C | OIR DEG | SPEED K/SEC | COMP M/SEC | V COMP M/SEC | POT T DEG K | E POT T DEG K | WIND GPH | RM PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|---------------|-----------------|----------------|------------------|-------------|-----------|-------------|-----------|
| 0-2 | 9-2 | 438-0 | 968-2 | 13-8 | 10-0 | 120-0 | 4-6 | -4-0 | 2-3 | 289-6 | 310-5 | 8-0 | 78-0 | 0-0 | 0- |
| 00-0 | 99-9 | 99-9 | 1000-0 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 999-9 | 99-9 | 999-9 | 999-9 | 999-9 |
| 00-0 | 99-9 | 99-9 | 999-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 999-9 | 99-9 | 999-9 | 999-9 | 999-9 |
| 0-4 | 10-9 | 598-8 | 950-0 | 15-5 | 10-0 | 163-0 | 11-3 | -3-3 | 10-8 | 292-9 | 314-4 | 8-1 | 69-0 | 0-4 | 317- |
| 1-2 | 13-1 | 825-0 | 925-0 | 15-9 | 9-2 | 176-4 | 13-9 | -0-9 | 13-8 | 295-6 | 316-8 | 8-0 | 64-6 | 0-9 | 335- |
| 2-0 | 15-5 | 1058-5 | 900-0 | 14-8 | 8-6 | 192-3 | 15-7 | 3-3 | 15-3 | 296-8 | 317-8 | 7-0 | 66-3 | 1-5 | 348- |
| 2-9 | 17-9 | 1296-6 | 875-0 | 13-6 | 8-6 | 200-9 | 17-1 | 0-1 | 16-0 | 297-9 | 319-1 | 8-0 | 71-7 | 2-2 | 358- |
| 3-5 | 23-3 | 1540-5 | 850-0 | 11-6 | 0-0 | 202-6 | 17-3 | 6-7 | 16-0 | 298-4 | 320-0 | 8-0 | 78-5 | 3-0 | 4- |
| 4-1 | 22-8 | 1769-9 | 825-0 | 10-1 | 5-7 | 206-7 | 13-4 | 6-0 | 11-9 | 299-2 | 319-4 | 7-9 | 74-4 | 3-8 | 9- |
| 5-3 | 25-3 | 2045-7 | 800-0 | 8-8 | 6-8 | 205-4 | 7-6 | 3-2 | 6-8 | 300-6 | 321-9 | 7-6 | 87-1 | 4-3 | 11- |
| 6-1 | 27-9 | 2308-3 | 775-0 | 7-2 | 6-7 | 201-0 | 6-7 | 2-4 | 6-3 | 301-5 | 323-5 | 8-0 | 97-0 | 4-6 | 12- |
| 7-0 | 30-3 | 2578-7 | 750-0 | 6-9 | 5-0 | 212-9 | 6-4 | 3-4 | 5-3 | 304-1 | 324-6 | 7-4 | 88-0 | 5-0 | 13- |
| 8-2 | 32-9 | 2857-6 | 725-0 | 6-7 | 0-0 | 2-1-9 | 5-7 | 4-6 | 3-4 | 306-8 | 322-9 | 5-6 | 65-8 | 5-2 | 15- |
| 9-5 | 35-6 | 3145-3 | 700-0 | 4-5 | 0-4 | 246-8 | 5-2 | 4-8 | 3-1 | 307-5 | 323-7 | 5-6 | 74-4 | 5-5 | 17- |
| 10-4 | 39-3 | 3460-7 | 675-0 | 2-1 | -0-8 | 255-3 | 4-9 | 0-7 | 1-2 | 308-0 | 323-5 | 5-4 | 81-4 | 5-6 | 18- |
| 11-2 | 43-7 | 3740-4 | 650-0 | -0-3 | -4-2 | 263-2 | 5-1 | 5-0 | -1-2 | 310-4 | 316-7 | 4-3 | 74-6 | 5-8 | 22- |
| 12-5 | 46-5 | 4390-9 | 600-0 | -4-5 | -15-6 | 311-6 | 6-4 | 0-8 | -4-3 | 310-9 | 316-7 | 1-9 | 38-6 | 5-7 | 25- |
| 13-5 | 49-4 | 4714-3 | 575-0 | -7-4 | -15-5 | 316-5 | 6-4 | 4-4 | -4-6 | 311-4 | 317-5 | 2-0 | 51-0 | 5-5 | 33- |
| 15-2 | 52-1 | 5059-0 | 550-0 | -10-2 | -16-0 | 312-2 | 6-3 | 4-6 | -4-2 | 312-0 | 318-2 | 2-0 | 62-2 | 5-4 | 36- |
| 16-2 | 55-4 | 5415-9 | 525-0 | -12-7 | -17-0 | 304-9 | 5-6 | 4-6 | -4-2 | 313-2 | 319-2 | 1-9 | 70-2 | 5-4 | 42- |
| 17-4 | 58-5 | 5787-0 | 500-0 | -14-8 | -22-4 | 287-8 | 4-4 | 4-2 | -1-3 | 315-0 | 319-1 | 1-3 | 51-8 | 5-5 | 46- |
| 18-4 | 61-6 | 6173-3 | 475-0 | -17-3 | -29-5 | 275-8 | 5-6 | 5-5 | -0-6 | 316-6 | 319-0 | 0-7 | 34-1 | 5-7 | 48- |
| 20-2 | 65-0 | 6576-2 | 450-0 | -20-2 | -31-1 | 277-3 | 6-4 | 6-3 | -0-8 | 317-8 | 319-9 | 0-6 | 36-8 | 6-1 | 52- |
| 21-7 | 68-3 | 6997-6 | 425-0 | -23-4 | -33-8 | 287-3 | 5-9 | 5-6 | -1-7 | 319-0 | 320-8 | 0-5 | 37-6 | 6-4 | 55- |
| 22-4 | 71-9 | 7438-5 | 400-0 | -26-5 | -31-2 | 294-7 | 7-2 | 6-5 | -3-0 | 320-6 | 323-0 | 0-7 | 64-2 | 6-7 | 59- |
| 24-6 | 75-4 | 7981-6 | 375-0 | -33-3 | -43-5 | 299-9 | 99-9 | 99-9 | 99-9 | 321-5 | 322-3 | 0-2 | 25-1 | 7-2 | 64- |
| 26-2 | 79-2 | 8308-5 | 350-0 | -36-1 | -49-4 | 299-9 | 99-9 | 99-9 | 99-9 | 322-8 | 323-3 | 0-1 | 19-4 | 999-9 | 999- |
| 28-3 | 91-9 | 90-5 | 325-0 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 999-9 | 99-9 | 999-9 | 999-9 | 999- |
| 30-7 | 99-9 | 99-9 | 275-0 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 999-9 | 99-9 | 999-9 | 999-9 | 999- |
| 32-9 | 99-9 | 99-9 | 250-0 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 999-9 | 99-9 | 999-9 | 999-9 | 999- |
| 35-0 | 99-9 | 99-9 | 225-0 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 999-9 | 99-9 | 999-9 | 999-9 | 999- |
| 37-3 | 99-9 | 99-9 | 200-0 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 999-9 | 99-9 | 999-9 | 999-9 | 999- |
| 39-7 | 99-9 | 99-9 | 175-0 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 999-9 | 99-9 | 999-9 | 999-9 | 999- |
| 42-0 | 99-9 | 99-9 | 150-0 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 999-9 | 99-9 | 999-9 | 999-9 | 999- |
| 44-3 | 99-9 | 99-9 | 125-0 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 999-9 | 99-9 | 999-9 | 999-9 | 999- |
| 46-7 | 99-9 | 99-9 | 100-0 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 999-9 | 99-9 | 999-9 | 999-9 | 999- |
| 49-0 | 99-9 | 99-9 | 75-0 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 999-9 | 99-9 | 999-9 | 999-9 | 999- |
| 51-3 | 99-9 | 99-9 | 50-0 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 999-9 | 99-9 | 999-9 | 999-9 | 999- |
| 53-7 | 99-9 | 99-9 | 25-0 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 99-9 | 999-9 | 99-9 | 999-9 | 999-9 | 999- |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 BY FEW MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 349
 MONNETT, MISSOURI

 19 APRIL 1979
 1400 GMT

| TIME MIN | CNTCT | WEIGHT GMM | PRES MM | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MR RTO CM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 9.4 | 438.0 | 908.8 | 16.6 | 11.1 | 130.0 | 6.2 | -4.7 | 4.0 | 292.4 | 315.0 | 8.6 | 70.8 | 0.0 | 0. |
| 0.2 | 90.0 | 97.9 | 1000.0 | 90.9 | 90.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.4 | 90.0 | 99.9 | 975.0 | 90.9 | 90.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.6 | 11.2 | 635.1 | 950.0 | 16.0 | 10.9 | 157.4 | 16.3 | -6.3 | 15.1 | 293.4 | 316.3 | 6.7 | 71.6 | 0.4 | 319. |
| 1.1 | 13.5 | 432.5 | 925.0 | 16.6 | 10.5 | 167.7 | 16.8 | -3.6 | 16.4 | 296.3 | 319.4 | 6.7 | 67.2 | 0.9 | 332. |
| 1.5 | 15.8 | 1368.0 | 900.0 | 10.4 | 8.9 | 182.3 | 18.1 | 0.7 | 18.1 | 298.4 | 320.1 | 8.0 | 61.3 | 1.6 | 343. |
| 2.4 | 19.7 | 1303.5 | 875.0 | 14.8 | 8.1 | 192.7 | 17.1 | 3.8 | 16.7 | 299.1 | 320.4 | 7.8 | 64.3 | 2.4 | 351. |
| 3.4 | 20.6 | 1550.4 | 850.0 | 13.4 | 4.9 | 205.6 | 16.0 | 6.9 | 16.4 | 300.6 | 320.4 | 6.4 | 56.9 | 3.1 | 359. |
| 4.2 | 23.1 | 1931.5 | 825.0 | 11.8 | 6.2 | 209.8 | 13.2 | 6.8 | 11.5 | 301.1 | 32.1 | 7.3 | 68.6 | 3.8 | 4. |
| 5.1 | 25.6 | 2358.7 | 800.0 | 9.8 | 6.4 | 204.1 | 11.6 | 4.6 | 10.6 | 301.6 | 322.4 | 7.6 | 73.7 | 4.4 | 7. |
| 6.0 | 29.1 | 2377.1 | 775.0 | 9.4 | 6.5 | 190.0 | 8.5 | 1.5 | 8.4 | 302.8 | 324.6 | 7.0 | 87.7 | 4.9 | 9. |
| 7.0 | 30.7 | 2593.5 | 750.0 | 7.4 | 4.6 | 194.0 | 6.6 | 1.6 | 6.4 | 304.7 | 325.6 | 7.1 | 82.3 | 5.3 | 8. |
| 7.7 | 33.3 | 2972.5 | 725.0 | 6.4 | 1.4 | 219.2 | 5.2 | 3.3 | 4.0 | 306.5 | 323.2 | 5.9 | 70.4 | 5.6 | 10. |
| 8.7 | 35.9 | 3160.4 | 700.0 | 5.0 | -0.2 | 233.6 | 4.9 | 3.9 | 2.9 | 308.1 | 323.7 | 5.4 | 69.0 | 5.8 | 11. |
| 9.4 | 38.7 | 3456.5 | 675.0 | 2.7 | -1.1 | 251.7 | 4.5 | 4.1 | 1.4 | 309.4 | 323.8 | 5.3 | 74.3 | 6.0 | 13. |
| 10.4 | 41.6 | 3761.0 | 650.0 | 0.3 | -5.3 | 267.6 | 3.9 | 3.9 | -0.6 | 309.4 | 321.1 | 4.0 | 65.9 | 6.1 | 15. |
| 11.7 | 44.2 | 4074.8 | 625.0 | -1.5 | -13.0 | 311.4 | 3.9 | 2.9 | -2.6 | 310.8 | 317.6 | 2.2 | 40.9 | 6.1 | 18. |
| 12.7 | 47.0 | 4378.3 | 600.0 | -4.4 | -14.4 | 323.0 | 4.7 | 2.8 | -3.8 | 311.0 | 317.4 | 2.1 | 45.3 | 5.9 | 20. |
| 14.1 | 53.0 | 4731.7 | 575.0 | -7.7 | -16.0 | 320.1 | 4.1 | 2.6 | -3.1 | 310.9 | 316.9 | 1.9 | 51.1 | 5.7 | 23. |
| 15.1 | 52.0 | 5076.3 | 550.0 | -10.2 | -19.3 | 293.9 | 3.5 | 3.2 | -1.4 | 312.0 | 318.8 | 1.5 | 47.2 | 5.7 | 25. |
| 16.4 | 56.0 | 5433.1 | 525.0 | -12.7 | -19.4 | 286.2 | 4.7 | 4.5 | -1.3 | 313.1 | 318.1 | 1.6 | 57.0 | 5.7 | 27. |
| 17.7 | 57.1 | 5805.1 | 500.0 | -13.8 | -30.9 | 243.9 | 5.4 | 5.3 | -1.3 | 316.2 | 318.1 | 0.6 | 21.8 | 5.8 | 32. |
| 12.0 | 62.1 | 6192.9 | 475.0 | -16.5 | -39.5 | 280.0 | 6.1 | 6.0 | -1.1 | 317.6 | 319.5 | 0.3 | 11.6 | 6.0 | 35. |
| 20.3 | 65.3 | 6598.8 | 450.0 | -19.8 | -38.4 | 280.1 | 5.9 | 5.8 | -1.0 | 318.4 | 319.7 | 0.4 | 21.4 | 6.2 | 40. |
| 21.7 | 69.3 | 7318.3 | 425.0 | -23.0 | -40.3 | 272.9 | 6.2 | 6.2 | -0.3 | 319.6 | 319.9 | 0.1 | 6.9 | 6.5 | 43. |
| 23.1 | 72.4 | 7440.5 | 400.0 | -26.1 | -51.3 | 271.8 | 7.2 | 7.2 | -0.1 | 321.1 | 321.4 | 0.1 | 7.2 | 6.9 | 47. |
| 24.5 | 74.0 | 7928.3 | 375.0 | -29.6 | -53.6 | 270.6 | 9.5 | 9.5 | -0.1 | 322.4 | 322.7 | 0.1 | 7.6 | 7.4 | 50. |
| 26.2 | 78.7 | 8412.4 | 350.0 | -33.6 | -55.8 | 274.5 | 9.0 | 9.0 | -0.7 | 323.4 | 323.7 | 0.1 | 8.6 | 8.1 | 55. |
| 27.4 | 83.6 | 8928.4 | 325.0 | -37.3 | -58.8 | 280.6 | 10.1 | 10.0 | -1.9 | 325.3 | 325.5 | 0.0 | 8.4 | 8.8 | 59. |
| 29.7 | 87.7 | 9476.6 | 300.0 | -41.3 | -59.9 | 279.9 | 13.0 | 12.8 | -2.2 | 327.1 | 329.9 | 99.9 | 99.9 | 9.8 | 64. |
| 31.4 | 91.8 | 10342.0 | 275.0 | -45.5 | -59.9 | 277.5 | 14.1 | 14.0 | -1.8 | 327.4 | 329.9 | 99.9 | 99.9 | 11.0 | 68. |
| 33.5 | 96.3 | 10598.9 | 250.0 | -50.6 | -59.9 | 276.8 | 15.8 | 15.6 | -1.9 | 330.9 | 329.9 | 99.9 | 99.9 | 12.6 | 72. |
| 35.5 | 101.0 | 11369.9 | 225.0 | -55.7 | -59.9 | 283.2 | 15.8 | 15.3 | -3.6 | 333.2 | 329.9 | 99.9 | 99.9 | 14.5 | 76. |
| 38.7 | 106.2 | 12110.2 | 200.0 | -61.2 | -59.9 | 288.8 | 14.5 | 13.7 | -4.7 | 335.8 | 329.9 | 99.9 | 99.9 | 16.5 | 80. |
| 40.6 | 111.6 | 12335.4 | 175.0 | -62.6 | -59.9 | 277.8 | 16.6 | 16.4 | -2.2 | 346.9 | 329.9 | 99.9 | 99.9 | 18.4 | 83. |
| 43.4 | 117.6 | 13199.5 | 150.0 | -66.6 | -59.9 | 280.9 | 18.8 | 18.4 | -3.5 | 365.8 | 329.9 | 99.9 | 99.9 | 21.8 | 85. |
| 47.1 | 124.3 | 15019.0 | 125.0 | -64.2 | -59.9 | 266.5 | 17.6 | 17.6 | 1.1 | 378.0 | 329.9 | 99.9 | 99.9 | 25.2 | 86. |
| 51.3 | 131.7 | 15393.6 | 100.0 | -64.8 | -59.9 | 284.2 | 20.9 | 20.2 | -3.1 | 402.5 | 329.9 | 99.9 | 99.9 | 30.6 | 87. |
| 54.5 | 140.5 | 14138.4 | 75.0 | -64.5 | -59.9 | 299.4 | 9.5 | 8.2 | -4.6 | 437.6 | 329.9 | 99.9 | 99.9 | 34.3 | 91. |
| 63.4 | 150.7 | 20651.3 | 50.0 | -57.8 | -59.9 | 307.8 | 5.3 | 4.2 | -3.2 | 507.4 | 329.9 | 99.9 | 99.9 | 36.6 | 93. |
| 74.5 | 162.5 | 25133.9 | 25.0 | -48.2 | -59.9 | 999.9 | 99.9 | 99.9 | 99.9 | 646.4 | 329.9 | 99.9 | 99.9 | 39.4 | 95. |

 0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

 ORIGINAL PAGE IS
 OF POOR QUALITY

STATION NO. 349
 MONETT, MISSOURI

 19 APRIL 1979
 1705 GMT

125 11. 0

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | COMP M/SEC | V COMP M/SEC | POI T DEG K | E PDT T DEG K | MX RTO CM/KG | RM PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|---------------|-----------------|----------------|------------------|-----------------|-----------|-------------|-----------|
| 0.0 | 9.7 | 438.0 | 967.5 | 23.8 | 13.4 | 170.0 | 6.2 | -1.1 | 6.1 | 299.8 | 326.8 | 10.0 | 52.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.5 | 11.4 | 596.9 | 950.0 | 21.0 | 11.4 | 163.8 | 11.1 | -3.1 | 10.6 | 298.5 | 322.7 | 9.0 | 56.2 | 0.4 | 347. |
| 1.7 | 13.7 | 427.1 | 925.0 | 19.9 | 10.8 | 165.2 | 11.9 | -3.0 | 11.5 | 298.6 | 322.5 | 8.9 | 59.4 | 1.1 | 345. |
| 2.9 | 16.0 | 1061.6 | 900.0 | 16.8 | 9.9 | 177.5 | 11.9 | -0.5 | 11.9 | 298.9 | 322.0 | 8.6 | 63.6 | 1.9 | 347. |
| 3.9 | 18.4 | 1301.3 | 875.0 | 14.6 | 8.6 | 187.6 | 12.2 | 1.6 | 12.1 | 299.0 | 320.9 | 8.1 | 67.2 | 2.6 | 351. |
| 4.5 | 23.8 | 1546.0 | 850.0 | 13.1 | 7.4 | 199.8 | 12.2 | 4.1 | 11.5 | 299.9 | 320.8 | 7.6 | 68.1 | 3.2 | 355. |
| 5.3 | 23.2 | 1797.5 | 825.0 | 13.0 | 6.9 | 214.6 | 10.2 | 5.8 | 8.4 | 302.3 | 323.3 | 7.6 | 65.6 | 3.6 | 359. |
| 6.2 | 25.7 | 2055.6 | 800.0 | 11.1 | 5.6 | 208.6 | 10.9 | 5.2 | 9.6 | 303.0 | 322.9 | 7.2 | 68.7 | 4.0 | 4. |
| 7.1 | 23.2 | 2320.4 | 775.0 | 9.5 | 4.5 | 193.9 | 10.1 | 2.4 | 9.8 | 304.0 | 323.2 | 6.9 | 71.3 | 4.6 | 6. |
| 8.1 | 30.7 | 2592.1 | 750.0 | 7.5 | 4.4 | 192.1 | 7.9 | 1.7 | 7.7 | 304.7 | 324.3 | 7.0 | 80.5 | 5.2 | 6. |
| 9.2 | 33.2 | 2971.4 | 725.0 | 7.5 | 0.9 | 211.3 | 5.7 | 3.0 | 4.9 | 307.7 | 323.9 | 5.6 | 62.8 | 5.6 | 7. |
| 10.3 | 35.9 | 3159.8 | 700.0 | 5.3 | -0.6 | 225.8 | 5.1 | 3.7 | 3.6 | 308.4 | 323.5 | 5.2 | 65.4 | 5.9 | 9. |
| 11.2 | 38.5 | 3456.1 | 675.0 | 3.2 | -3.5 | 236.0 | 4.3 | 3.5 | 2.4 | 309.2 | 320.4 | 3.8 | 53.0 | 6.1 | 11. |
| 12.3 | 41.2 | 3741.3 | 650.0 | 1.7 | -14.2 | 249.5 | 2.8 | 2.6 | 1.0 | 310.9 | 316.9 | 2.0 | 49.6 | 6.2 | 12. |
| 13.4 | 44.0 | 4075.6 | 625.0 | -1.2 | -15.7 | 264.1 | 1.8 | 1.7 | -0.4 | 311.1 | 316.8 | 1.8 | 42.8 | 6.3 | 14. |
| 14.4 | 46.8 | 4399.4 | 600.0 | -4.2 | -19.2 | 272.8 | 2.1 | 2.1 | -0.1 | 311.3 | 316.1 | 1.5 | 32.5 | 6.2 | 15. |
| 15.4 | 49.7 | 4733.4 | 575.0 | -6.9 | -17.5 | 234.1 | 4.4 | 3.6 | 2.6 | 311.9 | 317.2 | 1.7 | 42.8 | 6.4 | 16. |
| 16.2 | 52.6 | 5078.4 | 550.0 | -10.0 | -18.1 | 241.9 | 5.8 | 5.1 | 2.8 | 312.2 | 317.5 | 1.7 | 51.2 | 6.7 | 18. |
| 18.2 | 55.6 | 5435.7 | 524.0 | -11.3 | -32.0 | 256.1 | 5.8 | 5.7 | 1.2 | 316.8 | 316.5 | 0.5 | 17.0 | 6.9 | 21. |
| 19.5 | 59.8 | 5809.4 | 500.0 | -12.8 | -36.4 | 264.6 | 7.9 | 7.9 | 0.7 | 317.5 | 318.6 | 0.3 | 11.7 | 7.2 | 24. |
| 20.4 | 61.9 | 6199.4 | 475.0 | -15.8 | -37.9 | 271.4 | 9.0 | 9.0 | -0.2 | 318.5 | 319.5 | 0.3 | 12.8 | 7.6 | 29. |
| 22.4 | 65.1 | 6603.2 | 450.0 | -19.4 | -40.5 | 266.1 | 4.0 | 7.9 | 0.5 | 318.9 | 319.7 | 0.2 | 13.3 | 8.0 | 34. |
| 23.4 | 68.6 | 7025.9 | 425.0 | -22.2 | -42.6 | 262.3 | 7.5 | 7.4 | 1.0 | 320.6 | 321.3 | 0.2 | 13.5 | 8.4 | 38. |
| 25.5 | 72.0 | 7468.8 | 400.0 | -25.2 | -45.6 | 280.0 | 8.8 | 6.6 | -1.5 | 322.2 | 322.8 | 0.2 | 12.8 | 9.9 | 42. |
| 27.1 | 75.7 | 7934.1 | 375.0 | -29.0 | -48.1 | 288.8 | 8.7 | 8.2 | -2.9 | 323.3 | 323.7 | 0.1 | 13.6 | 9.3 | 46. |
| 28.7 | 79.3 | 8423.9 | 350.0 | -32.4 | -50.5 | 287.9 | 8.7 | 8.2 | -2.7 | 325.0 | 325.4 | 0.1 | 14.5 | 9.7 | 51. |
| 30.5 | 83.3 | 8942.2 | 325.0 | -36.3 | -53.5 | 286.2 | 10.3 | 9.9 | -2.9 | 326.6 | 326.9 | 0.1 | 14.8 | 10.3 | 55. |
| 32.3 | 87.3 | 9492.3 | 300.0 | -40.6 | -56.9 | 278.0 | 12.4 | 12.3 | -1.7 | 328.2 | 329.9 | 99.9 | 99.9 | 11.2 | 61. |
| 34.1 | 91.5 | 1079.3 | 275.0 | -45.0 | -59.9 | 277.7 | 12.6 | 12.5 | -1.7 | 330.1 | 330.9 | 99.9 | 99.9 | 12.2 | 64. |
| 36.1 | 96.0 | 1109.9 | 250.0 | -49.7 | -59.9 | 279.0 | 15.0 | 14.8 | -2.3 | 332.1 | 332.9 | 99.9 | 99.9 | 13.6 | 68. |
| 38.4 | 107.7 | 1390.4 | 225.0 | -55.7 | -59.9 | 282.5 | 16.6 | 16.2 | -3.6 | 333.2 | 333.9 | 99.9 | 99.9 | 15.4 | 72. |
| 40.5 | 105.9 | 12131.1 | 200.0 | -59.8 | -59.9 | 285.9 | 14.1 | 13.6 | -3.9 | 336.4 | 336.9 | 99.9 | 99.9 | 17.1 | 76. |
| 43.2 | 111.3 | 12954.4 | 175.0 | -64.4 | -59.9 | 281.1 | 16.2 | 15.9 | -3.1 | 343.6 | 343.9 | 99.9 | 99.9 | 19.2 | 79. |
| 46.4 | 117.3 | 13905.6 | 150.0 | -59.6 | -59.9 | 277.1 | 18.1 | 18.0 | -2.2 | 367.4 | 367.9 | 99.9 | 99.9 | 22.4 | 82. |
| 49.3 | 123.9 | 15940.6 | 125.0 | -61.7 | -59.9 | 271.8 | 18.8 | 18.8 | -0.6 | 383.4 | 383.9 | 99.9 | 99.9 | 26.2 | 84. |
| 53.9 | 131.0 | 16412.2 | 100.0 | -65.2 | -59.9 | 283.8 | 17.7 | 17.2 | -4.2 | 401.7 | 401.9 | 99.9 | 99.9 | 30.7 | 86. |
| 59.0 | 139.3 | 18162.3 | 75.0 | -64.9 | -59.9 | 274.0 | 10.5 | 10.5 | -0.7 | 436.9 | 436.9 | 99.9 | 99.9 | 34.3 | 87. |
| 65.3 | 149.3 | 20685.6 | 50.0 | -56.2 | -59.9 | 314.4 | 6.6 | 4.7 | -4.6 | 511.2 | 511.9 | 99.9 | 99.9 | 37.3 | 90. |
| 76.9 | 159.0 | 23167.4 | 25.0 | -48.2 | -59.9 | 399.9 | 99.9 | 99.9 | 99.9 | 646.0 | 646.9 | 99.9 | 99.9 | 39.7 | 91. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 349
MONETT, MISSOURI

19 APRIL 1979
2005 GMT

156 19. 0

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | J COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTD GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 9.8 | 438.0 | 965.8 | 26.6 | 12.6 | 190.0 | 6.7 | 1.2 | 6.6 | 302.8 | 328.9 | 9.6 | 42.0 | 0.0 | 0. |
| 99.0 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.0 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.0 |
| 0.5 | 11.3 | 582.9 | 950.0 | 24.4 | 10.8 | 193.6 | 7.3 | 1.7 | 7.1 | 301.9 | 325.5 | 8.6 | 42.5 | 0.3 | 6. |
| 1.1 | 11.4 | 415.8 | 925.0 | 22.4 | 10.5 | 177.5 | 6.8 | -0.3 | 6.8 | 302.2 | 325.9 | 8.7 | 46.9 | 0.5 | 6. |
| 1.4 | 15.0 | 1353.2 | 900.0 | 19.9 | 10.0 | 170.2 | 7.4 | -1.3 | 7.3 | 302.0 | 325.5 | 8.6 | 52.8 | 0.8 | 35.7 |
| 2.5 | 19.4 | 1295.4 | 875.0 | 17.7 | 9.0 | 172.2 | 9.3 | -1.3 | 9.2 | 302.2 | 325.0 | 8.3 | 56.6 | 1.1 | 35.7 |
| 3.3 | 20.8 | 1542.6 | 850.0 | 15.5 | 7.9 | 167.6 | 8.9 | -1.9 | 8.7 | 302.4 | 324.2 | 7.9 | 60.7 | 1.6 | 35.6 |
| 4.1 | 23.7 | 1795.1 | 825.0 | 13.2 | 7.9 | 169.9 | 7.4 | -1.3 | 7.3 | 302.5 | 324.9 | 8.1 | 70.2 | 2.0 | 35.3 |
| 5.1 | 25.7 | 2053.5 | 800.0 | 11.4 | 7.1 | 195.1 | 8.5 | 2.2 | 8.2 | 303.3 | 325.3 | 7.9 | 74.6 | 2.5 | 35.4 |
| 6.2 | 28.2 | 2318.7 | 775.0 | 10.1 | 4.7 | 206.4 | 9.6 | 4.3 | 8.6 | 306.7 | 324.1 | 6.9 | 69.0 | 2.9 | 36.0 |
| 7.2 | 30.9 | 2591.4 | 750.0 | 9.0 | 2.2 | 206.0 | 8.3 | 3.6 | 7.5 | 306.4 | 323.5 | 6.0 | 62.4 | 3.4 | 4. |
| 8.1 | 33.4 | 2871.7 | 725.0 | 7.3 | -0.2 | 220.5 | 7.9 | 5.1 | 6.0 | 307.5 | 322.6 | 5.2 | 58.8 | 3.9 | 7. |
| 9.2 | 35.0 | 3159.5 | 700.0 | 4.8 | -2.3 | 228.7 | 7.3 | 5.5 | 4.8 | 307.8 | 321.3 | 4.6 | 60.0 | 4.2 | 11. |
| 10.3 | 38.7 | 3455.9 | 675.0 | 3.4 | -8.4 | 230.7 | 4.8 | 3.7 | 3.0 | 309.5 | 318.6 | 3.0 | 41.9 | 4.6 | 14. |
| 11.4 | 41.4 | 3741.3 | 650.0 | 2.0 | -16.7 | 230.2 | 3.0 | 2.3 | 1.9 | 311.2 | 316.2 | 1.6 | 23.5 | 4.7 | 16. |
| 12.5 | 44.2 | 4076.0 | 625.0 | -1.0 | -17.8 | 230.6 | 3.6 | 2.7 | 2.3 | 311.3 | 316.1 | 1.5 | 26.6 | 4.9 | 17. |
| 13.6 | 47.1 | 4399.9 | 600.0 | -4.0 | -16.1 | 239.4 | 4.3 | 3.7 | 2.2 | 311.5 | 317.1 | 1.8 | 38.2 | 5.1 | 19. |
| 14.9 | 50.0 | 4733.8 | 575.0 | -7.2 | -15.1 | 241.9 | 5.9 | 5.2 | 2.8 | 311.6 | 318.0 | 2.1 | 53.2 | 5.4 | 21. |
| 16.0 | 53.0 | 5078.4 | 550.0 | -9.8 | -24.8 | 243.2 | 7.5 | 6.7 | 3.4 | 312.4 | 315.5 | 0.9 | 28.2 | 5.7 | 25. |
| 17.1 | 55.2 | 5437.2 | 525.0 | -12.8 | -35.5 | 244.4 | 8.2 | 7.4 | 3.5 | 315.4 | 315.3 | 0.3 | 9.0 | 6.2 | 27. |
| 18.1 | 59.1 | 5810.4 | 500.0 | -15.0 | -40.3 | 251.9 | 9.0 | 8.5 | 2.8 | 317.4 | 318.2 | 0.2 | 7.8 | 6.6 | 31. |
| 19.1 | 62.4 | 6109.4 | 475.0 | -15.0 | -43.5 | 258.9 | 8.5 | 8.3 | 1.6 | 318.1 | 318.7 | 0.2 | 7.4 | 7.1 | 35. |
| 20.4 | 65.6 | 6403.8 | 450.0 | -19.8 | -42.2 | 268.6 | 8.1 | 8.0 | 0.8 | 318.4 | 319.1 | 0.2 | 11.5 | 7.5 | 38. |
| 22.2 | 69.0 | 7025.3 | 425.0 | -22.1 | -47.8 | 261.3 | 7.3 | 7.3 | 1.1 | 320.7 | 321.1 | 0.1 | 7.6 | 9.0 | 42. |
| 23.7 | 72.5 | 7468.5 | 400.0 | -25.0 | -49.7 | 269.3 | 6.6 | 6.6 | 0.1 | 322.5 | 322.8 | 0.1 | 7.9 | 8.5 | 45. |
| 25.3 | 76.1 | 7934.5 | 375.0 | -28.3 | -52.4 | 276.2 | 6.7 | 6.6 | -0.5 | 324.1 | 324.4 | 0.1 | 7.8 | 8.9 | 47. |
| 26.7 | 79.9 | 8425.6 | 350.0 | -32.3 | -54.6 | 276.5 | 7.6 | 7.5 | -0.9 | 325.3 | 325.5 | 0.1 | 8.7 | 9.4 | 50. |
| 28.4 | 83.7 | 8944.1 | 325.0 | -36.5 | -54.4 | 280.2 | 8.5 | 8.4 | -1.5 | 326.4 | 326.7 | 0.1 | 14.3 | 9.9 | 54. |
| 30.1 | 87.4 | 9444.5 | 300.0 | -40.3 | -59.9 | 281.2 | 11.0 | 10.8 | -2.2 | 328.6 | 329.9 | 99.9 | 99.9 | 10.6 | 58. |
| 32.1 | 92.2 | 10082.1 | 275.0 | -45.1 | -64.1 | 276.0 | 13.5 | 13.4 | -0.9 | 330.0 | 330.9 | 99.9 | 99.9 | 11.7 | 62. |
| 34.2 | 95.6 | 10712.4 | 250.0 | -49.9 | -69.9 | 276.7 | 14.3 | 14.3 | -1.2 | 331.9 | 332.9 | 99.9 | 99.9 | 13.4 | 66. |
| 36.1 | 101.4 | 11391.9 | 225.0 | -55.9 | -74.9 | 280.8 | 12.4 | 12.2 | -2.3 | 332.9 | 333.9 | 99.9 | 99.9 | 14.9 | 70. |
| 38.9 | 106.6 | 12133.2 | 200.0 | -60.8 | -79.9 | 276.4 | 14.2 | 14.1 | -1.6 | 336.4 | 336.9 | 99.9 | 99.9 | 16.5 | 73. |
| 41.5 | 112.7 | 12947.9 | 175.0 | -63.3 | -84.9 | 276.4 | 17.4 | 17.4 | -0.3 | 345.5 | 345.9 | 99.9 | 99.9 | 19.0 | 76. |
| 44.5 | 119.3 | 13911.8 | 150.0 | -69.5 | -90.9 | 272.5 | 20.8 | 20.8 | -0.9 | 365.9 | 365.9 | 99.9 | 99.9 | 22.3 | 78. |
| 48.2 | 125.0 | 15347.7 | 125.0 | -60.5 | -99.9 | 277.4 | 20.4 | 20.2 | -2.6 | 385.5 | 385.9 | 99.9 | 99.9 | 26.8 | 81. |
| 52.4 | 132.3 | 16420.5 | 100.0 | -65.5 | -99.9 | 284.6 | 17.3 | 16.7 | -4.4 | 401.1 | 401.1 | 99.9 | 99.9 | 31.7 | 84. |
| 57.0 | 141.7 | 18169.0 | 75.0 | -63.4 | -99.9 | 302.7 | 11.6 | 9.7 | -8.2 | 439.9 | 439.9 | 99.9 | 99.9 | 35.4 | 87. |
| 58.3 | 151.0 | 20694.1 | 50.0 | -57.7 | -99.9 | 312.0 | 5.8 | 4.2 | -3.9 | 507.6 | 507.6 | 99.9 | 99.9 | 37.6 | 91. |
| 76.3 | 161.5 | 25183.5 | 25.0 | -48.5 | -99.9 | 277.7 | 9.0 | 8.9 | -1.1 | 645.4 | 645.4 | 99.9 | 99.9 | 41.2 | 93. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 349
MONETT, MISSOURI

19 APRIL 1979
2300 GMT

159 13. 0

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | W RTO GN/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|----------------|-----------|-------------|----------|
| 0.0 | 10.1 | 438.0 | 966.4 | 24.4 | 13.9 | 200.0 | 4.6 | 1.6 | 4.3 | 300.7 | 328.8 | 10.4 | 52.0 | 0.0 | 0. |
| 00.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999. |
| 00.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999. |
| 0.4 | 11.5 | 570.3 | 950.0 | 24.9 | 13.0 | 194.7 | 7.4 | 1.9 | 7.2 | 302.5 | 329.6 | 10.0 | 47.6 | 0.3 | 14. |
| 1.4 | 13.9 | 403.7 | 925.0 | 23.1 | 12.2 | 189.5 | 8.1 | 1.3 | 8.0 | 302.9 | 329.4 | 9.7 | 50.2 | 0.7 | 13. |
| 2.2 | 16.3 | 1241.9 | 900.0 | 20.8 | 11.3 | 184.8 | 8.3 | 0.7 | 8.2 | 302.9 | 328.7 | 9.4 | 54.6 | 1.1 | 11. |
| 3.1 | 18.7 | 1246.7 | 875.0 | 19.5 | 10.0 | 182.2 | 7.2 | 0.3 | 7.2 | 303.1 | 327.4 | 8.9 | 57.4 | 1.6 | 0. |
| 4.1 | 21.2 | 1512.8 | 850.0 | 16.5 | 9.4 | 186.7 | 6.6 | 0.8 | 6.5 | 303.4 | 327.6 | 8.8 | 63.2 | 1.9 | 8. |
| 4.9 | 23.6 | 1766.2 | 825.0 | 13.9 | 8.9 | 190.1 | 6.8 | 1.2 | 6.7 | 303.3 | 327.3 | 8.7 | 71.4 | 2.3 | 8. |
| 5.9 | 26.4 | 2045.3 | 800.0 | 11.5 | 6.9 | 196.1 | 7.3 | 2.0 | 7.0 | 303.4 | 328.1 | 9.0 | 83.9 | 2.7 | 8. |
| 6.9 | 28.9 | 2310.3 | 775.0 | 9.1 | 7.7 | 197.8 | 7.4 | 2.3 | 7.0 | 303.6 | 327.3 | 8.6 | 91.4 | 3.1 | 10. |
| 7.7 | 31.5 | 2531.7 | 750.0 | 6.9 | 6.7 | 195.4 | 7.6 | 2.0 | 7.3 | 304.0 | 326.8 | 8.2 | 98.6 | 3.5 | 10. |
| 8.6 | 34.1 | 2360.5 | 725.0 | 6.7 | 0.1 | 194.6 | 7.4 | 1.9 | 7.2 | 306.8 | 322.1 | 5.3 | 62.8 | 3.9 | 11. |
| 9.7 | 36.9 | 3145.6 | 700.0 | 5.6 | -2.6 | 193.2 | 5.1 | 1.2 | 4.9 | 308.7 | 321.9 | 4.5 | 55.2 | 4.3 | 11. |
| 10.8 | 39.5 | 3445.5 | 675.0 | 4.5 | -16.8 | 187.8 | 3.3 | 0.4 | 3.3 | 310.7 | 315.4 | 1.5 | 19.5 | 4.6 | 11. |
| 11.8 | 42.3 | 3751.3 | 650.0 | 2.0 | -16.5 | 186.9 | 2.8 | 0.3 | 2.8 | 311.2 | 316.3 | 1.6 | 23.9 | 4.8 | 11. |
| 13.0 | 45.2 | 4055.9 | 625.0 | -1.1 | -15.6 | 210.7 | 3.0 | 1.5 | 2.5 | 311.2 | 316.9 | 1.8 | 32.0 | 4.9 | 11. |
| 14.2 | 48.1 | 4359.6 | 600.0 | -4.2 | -16.4 | 250.6 | 3.1 | 2.9 | 1.0 | 311.3 | 316.8 | 1.6 | 37.8 | 5.1 | 13. |
| 15.5 | 51.0 | 4723.4 | 575.0 | -7.1 | -18.3 | 288.8 | 3.8 | 3.6 | -1.2 | 311.7 | 316.6 | 1.6 | 40.1 | 5.2 | 15. |
| 17.1 | 54.0 | 5069.1 | 550.0 | -7.7 | -46.0 | 257.4 | 5.6 | 5.4 | 1.2 | 315.0 | 315.4 | 0.1 | 2.8 | 5.2 | 20. |
| 18.4 | 57.1 | 5459.9 | 525.0 | -9.7 | -46.7 | 245.1 | 7.2 | 6.5 | 3.0 | 316.8 | 317.2 | 0.1 | 3.0 | 5.6 | 24. |
| 19.5 | 60.3 | 5104.6 | 500.0 | -12.3 | -47.8 | 259.0 | 6.7 | 6.6 | 1.3 | 318.0 | 318.4 | 0.1 | 3.3 | 5.9 | 27. |
| 20.6 | 63.5 | 6194.0 | 475.0 | -15.8 | -44.0 | 265.7 | 6.2 | 6.2 | 0.5 | 318.4 | 319.0 | 0.2 | 6.7 | 6.2 | 31. |
| 21.9 | 64.9 | 6598.8 | 450.0 | -18.6 | -47.5 | 279.5 | 6.5 | 6.4 | -1.1 | 319.9 | 320.3 | 0.1 | 5.9 | 6.4 | 34. |
| 23.3 | 70.3 | 7023.5 | 425.0 | -23.7 | -51.9 | 288.7 | 8.2 | 7.8 | -2.6 | 322.5 | 322.7 | 0.1 | 4.2 | 6.7 | 39. |
| 25.0 | 73.7 | 7469.0 | 400.0 | -24.0 | -53.6 | 292.2 | 8.6 | 7.9 | -3.2 | 323.9 | 324.1 | 0.1 | 4.5 | 5.9 | 46. |
| 26.9 | 77.3 | 7776.5 | 375.0 | -27.6 | -55.6 | 292.1 | 9.5 | 8.8 | -3.6 | 325.1 | 325.3 | 0.1 | 4.9 | 7.4 | 53. |
| 28.5 | 81.2 | 8429.2 | 350.0 | -31.2 | -57.8 | 283.9 | 9.7 | 9.4 | -2.3 | 326.7 | 326.9 | 0.0 | 5.3 | 8.0 | 59. |
| 30.2 | 85.1 | 9349.2 | 325.0 | -35.6 | -60.5 | 279.9 | 11.1 | 11.0 | -1.9 | 327.7 | 327.8 | 0.0 | 5.7 | 8.7 | 63. |
| 31.8 | 89.2 | 9501.3 | 300.0 | -37.7 | 99.9 | 276.5 | 13.7 | 13.6 | -1.6 | 329.4 | 999.9 | 99.9 | 999.9 | 9.8 | 67. |
| 33.6 | 93.5 | 10290.1 | 275.0 | -44.6 | 99.9 | 272.9 | 15.2 | 15.2 | -0.8 | 330.6 | 999.9 | 99.9 | 999.9 | 11.3 | 71. |
| 35.7 | 98.0 | 13719.8 | 250.0 | -50.1 | 99.9 | 268.6 | 12.6 | 12.6 | 0.1 | 331.6 | 999.9 | 99.9 | 999.9 | 12.9 | 74. |
| 37.9 | 102.9 | 11490.1 | 225.0 | -45.5 | 99.9 | 272.5 | 14.2 | 14.2 | -0.6 | 333.5 | 999.9 | 99.9 | 999.9 | 14.5 | 78. |
| 40.3 | 109.0 | 12141.1 | 200.0 | -57.9 | 99.9 | 268.8 | 16.0 | 16.0 | 0.0 | 336.3 | 999.9 | 99.9 | 999.9 | 16.6 | 78. |
| 42.8 | 113.5 | 12445.5 | 175.0 | -44.0 | 99.9 | 265.1 | 19.6 | 19.5 | 1.7 | 344.3 | 999.9 | 99.9 | 999.9 | 19.3 | 79. |
| 45.9 | 119.7 | 13912.9 | 150.0 | -61.9 | 99.9 | 268.7 | 23.1 | 23.1 | 0.1 | 363.5 | 999.9 | 99.9 | 999.9 | 23.4 | 80. |
| 48.5 | 126.3 | 15343.2 | 125.0 | -62.0 | 99.9 | 278.6 | 20.9 | 20.7 | -3.1 | 382.7 | 999.9 | 99.9 | 999.9 | 27.7 | 83. |
| 50.5 | 134.0 | 16413.7 | 100.0 | -66.3 | 99.9 | 293.9 | 19.2 | 17.3 | -0.4 | 399.6 | 999.9 | 99.9 | 999.9 | 32.4 | 87. |
| 53.7 | 142.7 | 18162.5 | 75.0 | -65.0 | 99.9 | 325.1 | 11.2 | 6.4 | -1.2 | 436.7 | 999.9 | 99.9 | 999.9 | 36.2 | 91. |
| 60.2 | 152.5 | 20652.5 | 50.0 | -56.4 | 99.9 | 341.9 | 5.7 | 1.8 | -5.5 | 510.5 | 999.9 | 99.9 | 999.9 | 37.6 | 95. |
| 77.4 | 163.0 | 25170.2 | 25.0 | -45.3 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 654.5 | 999.9 | 99.9 | 999.9 | 41.0 | 97. |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEC MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 249
MOUETT, MISSOURI20 APRIL 1979
205 GMT

159 13. 0

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 10.5 | 438.0 | 965.1 | 19.6 | 11.9 | 150.0 | 3.1 | -1.5 | 2.7 | 295.7 | 320.0 | 9.1 | 61.0 | 0.0 | 0. |
| 99.7 | 99.9 | 99.9 | 1003.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.4 | 11.8 | 576.1 | 950.0 | 25.9 | 13.4 | 161.1 | 10.3 | -3.3 | 9.8 | 303.4 | 331.4 | 10.2 | 45.0 | 0.3 | 339. |
| 1.3 | 14.1 | 959.3 | 925.0 | 22.3 | 10.0 | 182.6 | 11.3 | 0.5 | 11.3 | 302.2 | 325.1 | 8.4 | 45.5 | 0.8 | 351. |
| 2.3 | 16.5 | 1066.8 | 900.0 | 20.1 | 9.3 | 175.3 | 10.8 | -0.7 | 10.8 | 302.3 | 324.8 | 8.2 | 49.7 | 1.4 | 355. |
| 3.2 | 18.8 | 1238.9 | 875.0 | 17.6 | 8.3 | 175.9 | 10.4 | -0.7 | 10.4 | 302.1 | 324.1 | 8.0 | 55.1 | 2.0 | 356. |
| 4.1 | 21.2 | 1536.2 | 850.0 | 15.8 | 8.0 | 174.3 | 9.6 | -1.0 | 9.6 | 302.3 | 324.2 | 7.9 | 61.0 | 2.5 | 358. |
| 5.3 | 23.6 | 1788.9 | 825.0 | 13.3 | 7.9 | 170.5 | 8.7 | -1.4 | 8.6 | 302.6 | 325.0 | 8.1 | 69.7 | 3.0 | 358. |
| 5.4 | 26.1 | 2047.2 | 800.0 | 11.0 | 7.8 | 165.7 | 7.6 | -1.9 | 7.4 | 302.9 | 326.0 | 8.4 | 80.5 | 3.4 | 354. |
| 6.3 | 28.6 | 2311.5 | 775.0 | 8.4 | 6.2 | 159.3 | 6.7 | -3.2 | 8.1 | 302.8 | 324.1 | 7.7 | 86.3 | 3.9 | 353. |
| 7.6 | 31.1 | 2592.4 | 750.0 | 7.9 | 3.5 | 184.2 | 6.5 | 0.5 | 6.5 | 305.1 | 323.6 | 6.6 | 73.8 | 4.3 | 352. |
| 8.4 | 33.7 | 2862.9 | 725.0 | 7.5 | -0.1 | 196.1 | 5.0 | 1.4 | 4.8 | 307.7 | 322.8 | 5.3 | 58.7 | 4.6 | 354. |
| 9.6 | 36.3 | 3151.2 | 700.0 | 6.0 | -5.4 | 176.8 | 4.7 | -0.2 | 4.4 | 309.1 | 320.2 | 3.8 | 45.2 | 4.8 | 355. |
| 10.4 | 39.0 | 3448.2 | 675.0 | 4.3 | -13.4 | 160.6 | 4.7 | -1.6 | 4.4 | 310.5 | 316.7 | 2.0 | 25.1 | 5.1 | 354. |
| 11.3 | 41.7 | 3753.8 | 650.0 | 1.4 | -3.7 | 161.8 | 4.4 | -1.4 | 4.2 | 310.6 | 316.9 | 2.0 | 31.3 | 5.4 | 353. |
| 12.3 | 44.4 | 4068.2 | 625.0 | -1.2 | -13.1 | 133.2 | 2.3 | -1.7 | 1.6 | 311.0 | 317.4 | 2.0 | 35.7 | 5.6 | 353. |
| 14.0 | 47.2 | 4391.8 | 600.0 | -4.3 | -13.3 | 20.5 | 2.9 | -1.0 | -2.7 | 311.2 | 318.1 | 2.2 | 49.5 | 5.6 | 352. |
| 15.3 | 50.1 | 4726.1 | 575.0 | -6.6 | -14.5 | 320.4 | 6.1 | 3.9 | -4.7 | 312.3 | 319.0 | 2.2 | 53.1 | 5.3 | 353. |
| 16.5 | 53.0 | 5072.7 | 550.0 | -7.0 | -10.0 | 290.5 | 6.9 | 6.5 | -2.4 | 315.8 | 316.6 | 0.2 | 5.1 | 4.9 | 357. |
| 17.4 | 56.0 | 5434.1 | 525.0 | -9.4 | -39.4 | 276.6 | 6.5 | 6.5 | -0.8 | 317.1 | 317.9 | 0.2 | 6.5 | 4.9 | 3. |
| 19.1 | 59.1 | 5809.0 | 500.0 | -12.7 | -40.1 | 266.4 | 6.2 | 6.2 | 0.4 | 317.5 | 318.3 | 0.2 | 8.0 | 4.9 | 9. |
| 20.5 | 62.3 | 6198.0 | 475.0 | -15.6 | -44.2 | 256.8 | 7.3 | 7.1 | 1.7 | 318.6 | 319.2 | 0.2 | 6.5 | 5.1 | 15. |
| 21.3 | 65.5 | 6604.0 | 450.0 | -18.4 | -46.5 | 251.8 | 7.5 | 7.1 | 2.3 | 320.1 | 320.6 | 0.1 | 6.4 | 5.4 | 20. |
| 23.2 | 68.9 | 7028.3 | 425.0 | -20.8 | -47.9 | 269.4 | 7.0 | 7.0 | 0.1 | 322.4 | 322.8 | 0.1 | 6.6 | 5.8 | 25. |
| 24.3 | 72.3 | 7473.4 | 400.0 | -24.0 | -50.5 | 273.9 | 8.1 | 8.0 | -0.5 | 323.8 | 324.2 | 0.1 | 6.6 | 6.2 | 32. |
| 26.5 | 76.0 | 7941.2 | 375.0 | -27.4 | -52.2 | 276.3 | 9.8 | 9.8 | -1.1 | 325.4 | 325.7 | 0.1 | 7.3 | 6.5 | 39. |
| 28.3 | 79.7 | 8434.7 | 350.0 | -30.9 | -51.6 | 277.4 | 14.5 | 14.4 | -1.9 | 327.1 | 327.4 | 0.1 | 11.3 | 7.2 | 47. |
| 30.1 | 83.5 | 8956.1 | 325.0 | -35.1 | -52.1 | 273.4 | 18.8 | 18.8 | -1.1 | 328.3 | 329.3 | 0.3 | 43.6 | 8.6 | 56. |
| 31.9 | 87.5 | 9538.4 | 300.0 | -40.2 | -52.9 | 275.2 | 19.2 | 19.1 | -1.7 | 328.7 | 329.9 | 99.9 | 99.9 | 10.4 | 63. |
| 34.1 | 91.4 | 10094.6 | 275.0 | -46.1 | -52.9 | 280.2 | 19.2 | 18.9 | -3.4 | 328.7 | 329.9 | 99.9 | 99.9 | 12.5 | 70. |
| 36.4 | 96.3 | 10721.2 | 250.0 | -51.5 | -52.9 | 285.8 | 17.9 | 17.3 | -4.9 | 329.5 | 329.9 | 99.9 | 99.9 | 14.7 | 75. |
| 38.3 | 101.0 | 11306.4 | 225.0 | -57.1 | -52.9 | 290.2 | 16.7 | 15.6 | -5.8 | 331.0 | 329.9 | 99.9 | 99.9 | 16.8 | 80. |
| 41.1 | 105.0 | 12133.6 | 200.0 | -62.0 | -52.9 | 295.2 | 17.5 | 17.4 | -1.6 | 334.6 | 329.9 | 99.9 | 99.9 | 18.9 | 83. |
| 43.7 | 111.5 | 12952.9 | 175.0 | -65.4 | -52.9 | 269.2 | 20.6 | 20.6 | 0.3 | 342.1 | 329.9 | 99.9 | 99.9 | 22.0 | 84. |
| 47.4 | 117.7 | 13944.2 | 150.0 | -62.7 | -52.9 | 272.0 | 22.1 | 22.0 | -0.8 | 362.2 | 329.9 | 99.9 | 99.9 | 26.7 | 85. |
| 50.3 | 124.3 | 15021.6 | 125.0 | -63.0 | -52.9 | 295.3 | 16.9 | 15.2 | -7.2 | 380.9 | 329.9 | 99.9 | 99.9 | 30.3 | 87. |
| 55.0 | 132.0 | 16376.1 | 100.0 | -67.5 | -52.9 | 299.3 | 13.3 | 11.6 | -5.5 | 397.4 | 329.9 | 99.9 | 99.9 | 33.0 | 91. |
| 60.3 | 141.0 | 18116.1 | 75.0 | -65.8 | -52.9 | 339.4 | 7.3 | 2.6 | -6.8 | 435.0 | 329.9 | 99.9 | 99.9 | 36.0 | 94. |
| 68.4 | 151.0 | 20643.3 | 50.0 | -57.8 | -52.9 | 352.0 | 4.2 | 0.6 | -4.2 | 507.3 | 329.9 | 99.9 | 99.9 | 37.2 | 96. |
| 80.3 | 162.5 | 25106.7 | 25.0 | -48.1 | -52.9 | 999.9 | 99.9 | 99.9 | 99.9 | 646.5 | 329.9 | 99.9 | 99.9 | 40.0 | 99. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 349
MONETT, MISSOURI

20 APRIL 1979
605 GMT

159 11. 0

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO CM/KG | 2M PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.3 | 10.4 | 478.0 | 965.5 | 19.3 | 13.2 | 160.0 | 2.6 | -0.9 | 2.4 | 295.4 | 321.8 | 10.0 | 68.0 | 0.0 | 0. |
| 00.7 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.4 | 11.7 | 978.2 | 950.0 | 21.6 | 9.9 | 166.0 | 15.9 | -3.6 | 15.5 | 299.1 | 321.0 | 8.1 | 47.1 | 0.4 | 331. |
| 1.2 | 14.1 | 909.4 | 925.0 | 21.0 | 10.2 | 171.5 | 16.0 | -2.4 | 15.8 | 300.8 | 323.9 | 8.5 | 50.0 | 1.2 | 344. |
| 2.2 | 16.5 | 1045.8 | 900.0 | 18.6 | 10.9 | 175.0 | 10.2 | -0.9 | 10.2 | 300.7 | 325.5 | 9.1 | 60.6 | 1.7 | 347. |
| 3.7 | 19.9 | 1246.9 | 875.0 | 16.7 | 9.9 | 179.1 | 13.7 | -2.3 | 13.5 | 301.2 | 325.1 | 8.8 | 64.1 | 2.5 | 349. |
| 3.7 | 21.2 | 1313.4 | 850.0 | 14.4 | 10.5 | 175.5 | 11.8 | -1.1 | 11.7 | 301.2 | 326.9 | 9.5 | 77.5 | 3.1 | 349. |
| 4.4 | 23.6 | 1785.4 | 825.0 | 12.1 | 10.3 | 183.1 | 12.7 | 0.7 | 12.7 | 301.4 | 327.5 | 9.6 | 89.5 | 3.7 | 351. |
| 5.4 | 26.1 | 2043.0 | 800.0 | 10.2 | 8.7 | 208.1 | 12.2 | 5.4 | 10.9 | 302.0 | 326.3 | 8.9 | 90.2 | 4.4 | 353. |
| 6.5 | 29.6 | 2307.0 | 775.0 | 8.2 | 7.4 | 208.2 | 10.2 | 4.2 | 9.3 | 302.7 | 325.8 | 8.4 | 96.6 | 4.7 | 358. |
| 7.5 | 31.1 | 2577.9 | 750.0 | 7.9 | -2.4 | 219.9 | 13.1 | 7.5 | 10.7 | 305.2 | 325.8 | 99.9 | 99.9 | 5.5 | 358. |
| 8.5 | 33.7 | 2857.8 | 725.0 | 7.9 | -2.4 | 219.9 | 13.1 | 7.5 | 10.7 | 308.1 | 321.0 | 4.4 | 49.0 | 6.3 | 3. |
| 9.6 | 36.3 | 3146.1 | 700.0 | 5.7 | -7.5 | 175.2 | 7.2 | -1.0 | 7.2 | 308.8 | 318.2 | 3.1 | 38.3 | 6.7 | 5. |
| 10.7 | 39.3 | 3442.5 | 675.0 | 3.9 | -15.3 | 161.2 | 9.6 | -3.1 | 9.1 | 310.0 | 315.3 | 1.7 | 23.0 | 7.3 | 2. |
| 11.7 | 41.7 | 3747.7 | 650.0 | 1.2 | -15.2 | 161.1 | 7.5 | -2.4 | 7.1 | 310.3 | 315.9 | 1.8 | 28.2 | 7.7 | 1. |
| 12.4 | 44.4 | 4051.5 | 625.0 | -1.7 | -16.7 | 147.1 | 5.3 | -2.9 | 4.5 | 310.5 | 315.7 | 1.7 | 30.8 | 8.2 | 0. |
| 14.3 | 47.2 | 4394.9 | 600.0 | -4.1 | -14.6 | 101.4 | 2.8 | -2.8 | 0.6 | 311.4 | 317.7 | 2.0 | 43.7 | 8.3 | 359. |
| 15.1 | 50.1 | 4718.9 | 575.0 | -6.7 | -14.6 | 12.7 | 3.1 | -0.7 | -3.0 | 312.1 | 318.7 | 2.1 | 51.4 | 8.3 | 358. |
| 16.3 | 53.0 | 5044.4 | 550.0 | -9.5 | -30.3 | 295.0 | 2.2 | 2.2 | -0.6 | 314.0 | 315.8 | 0.6 | 15.1 | 8.0 | 358. |
| 17.5 | 56.0 | 5424.5 | 525.0 | -9.8 | -49.6 | 236.9 | 2.9 | 2.5 | 1.6 | 316.6 | 316.9 | 0.1 | 2.2 | 8.1 | 359. |
| 19.9 | 59.1 | 5738.6 | 500.0 | -12.9 | -45.7 | 247.3 | 4.2 | 3.8 | 1.6 | 317.3 | 317.8 | 0.1 | 0.4 | 8.3 | 1. |
| 20.2 | 62.3 | 6147.3 | 475.0 | -14.2 | -43.1 | 272.7 | 6.2 | 6.2 | -0.3 | 317.9 | 318.5 | 0.2 | 7.7 | 8.3 | 4. |
| 21.5 | 65.5 | 6592.1 | 450.0 | -19.7 | -50.1 | 272.6 | 6.7 | 6.7 | -0.3 | 319.7 | 320.0 | 0.1 | 6.4 | 8.3 | 7. |
| 23.3 | 68.8 | 7016.1 | 425.0 | -20.9 | -53.4 | 263.2 | 6.3 | 6.2 | 0.7 | 322.2 | 322.4 | 0.1 | 3.5 | 8.4 | 11. |
| 24.7 | 72.1 | 7461.7 | 400.0 | -23.3 | -52.3 | 267.9 | 7.9 | 7.9 | 0.3 | 324.3 | 325.1 | 0.1 | 5.2 | 8.7 | 15. |
| 26.5 | 75.7 | 7931.6 | 375.0 | -25.7 | -39.5 | 272.9 | 12.0 | 12.0 | -0.6 | 326.3 | 327.5 | 0.3 | 28.7 | 9.0 | 27. |
| 28.1 | 79.3 | 8475.6 | 350.0 | -30.7 | -39.3 | 273.8 | 15.6 | 15.6 | -1.0 | 327.3 | 328.7 | 0.4 | 47.1 | 9.5 | 30. |
| 30.3 | 83.1 | 8947.1 | 325.0 | -35.2 | -46.3 | 267.4 | 14.8 | 14.8 | 0.7 | 328.2 | 328.9 | 0.2 | 30.8 | 10.4 | 39. |
| 31.3 | 87.0 | 9500.2 | 300.0 | -39.4 | -49.9 | 252.0 | 13.9 | 13.9 | 4.5 | 329.9 | 329.9 | 99.9 | 999.9 | 11.6 | 46. |
| 33.7 | 91.2 | 10349.4 | 275.0 | -44.4 | 99.9 | 240.4 | 14.5 | 12.6 | 7.1 | 331.0 | 329.9 | 99.9 | 999.9 | 13.2 | 46. |
| 35.3 | 95.4 | 11220.1 | 250.0 | -50.3 | 99.9 | 240.1 | 13.4 | 12.4 | 5.0 | 331.3 | 329.9 | 99.9 | 999.9 | 14.9 | 48. |
| 38.3 | 107.2 | 11799.7 | 225.0 | -55.1 | 99.9 | 253.6 | 15.8 | 15.2 | 4.5 | 334.0 | 329.9 | 99.9 | 999.9 | 16.8 | 51. |
| 40.3 | 105.2 | 12143.5 | 200.0 | -60.2 | 99.9 | 252.3 | 23.7 | 22.5 | 7.2 | 337.5 | 329.9 | 99.9 | 999.9 | 19.5 | 54. |
| 43.3 | 110.5 | 12463.0 | 175.0 | -66.9 | 99.9 | 261.1 | 23.4 | 23.1 | 3.6 | 339.5 | 329.9 | 99.9 | 999.9 | 23.2 | 57. |
| 46.1 | 116.3 | 13499.6 | 150.0 | -66.2 | 99.9 | 275.5 | 20.7 | 20.7 | -2.0 | 356.0 | 329.9 | 99.9 | 999.9 | 26.4 | 62. |
| 49.6 | 122.4 | 15012.5 | 125.0 | -61.7 | 99.9 | 293.4 | 12.6 | 11.5 | -5.0 | 383.3 | 329.9 | 99.9 | 999.9 | 28.8 | 66. |
| 53.5 | 130.3 | 15378.8 | 100.0 | -65.1 | 99.9 | 289.0 | 12.4 | 11.7 | -4.0 | 401.9 | 329.9 | 99.9 | 999.9 | 31.1 | 68. |
| 58.4 | 138.7 | 16126.4 | 75.0 | -67.0 | 99.9 | 326.8 | 6.8 | 3.7 | -5.7 | 432.4 | 329.9 | 99.9 | 999.9 | 32.7 | 74. |
| 66.0 | 149.0 | 20618.5 | 50.0 | -59.2 | 99.9 | 343.3 | 5.0 | 1.4 | -4.8 | 506.1 | 329.9 | 99.9 | 999.9 | 33.2 | 78. |
| 78.1 | 161.0 | 25367.6 | 25.0 | -49.4 | 99.9 | 282.8 | 6.7 | 6.5 | -1.5 | 642.7 | 329.9 | 99.9 | 999.9 | 35.3 | 82. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 349
HOWETT, MISSOURI

20 APRIL 1979
905 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | WX RTO CM/KG | 3M PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.2 | 9.8 | 436.0 | 965.1 | 15.4 | 9.7 | 160.0 | 4.1 | -1.4 | 3.9 | 291.5 | 312.2 | 7.9 | 69.0 | 0.0 | 0. |
| 00.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 05.1 | 11.2 | 573.7 | 973.0 | 19.9 | 99.9 | 99.9 | 11.7 | 2.2 | 10.9 | 297.4 | 322.0 | 9.2 | 59.2 | 0.3 | 338. |
| 1.3 | 13.5 | 903.7 | 925.0 | 19.8 | 12.7 | 195.0 | 12.3 | 3.3 | 11.8 | 298.5 | 325.5 | 10.1 | 67.9 | 0.8 | 0. |
| 2.1 | 15.8 | 1238.7 | 900.0 | 16.8 | 12.9 | 202.2 | 13.8 | 5.2 | 12.8 | 298.8 | 326.9 | 10.5 | 77.9 | 1.4 | 9. |
| 3.0 | 19.2 | 1279.0 | 875.0 | 15.4 | 13.1 | 205.1 | 13.5 | 5.7 | 12.2 | 299.8 | 329.1 | 10.9 | 85.9 | 2.1 | 14. |
| 3.9 | 20.6 | 1524.8 | 850.0 | 13.7 | 11.9 | 201.9 | 12.3 | 4.6 | 11.4 | 300.5 | 328.5 | 10.4 | 88.9 | 2.8 | 17. |
| 4.7 | 23.1 | 1776.3 | 825.0 | 12.3 | 10.0 | 193.7 | 10.9 | 2.9 | 10.5 | 301.6 | 327.2 | 9.4 | 85.1 | 3.4 | 17. |
| 5.4 | 25.5 | 2034.2 | 800.0 | 10.8 | 7.6 | 189.7 | 8.8 | 1.5 | 8.7 | 302.6 | 325.3 | 8.2 | 80.9 | 3.9 | 16. |
| 6.5 | 29.0 | 2299.8 | 775.0 | 10.3 | 4.1 | 177.6 | 8.6 | -0.4 | 8.6 | 304.9 | 323.7 | 6.7 | 65.6 | 4.4 | 16. |
| 7.5 | 30.6 | 2571.4 | 750.0 | 8.6 | 2.1 | 167.7 | 8.6 | -1.8 | 8.4 | 305.9 | 322.8 | 6.0 | 63.9 | 4.8 | 13. |
| 8.4 | 33.2 | 2951.4 | 725.0 | 7.2 | -0.2 | 169.5 | 9.4 | -1.7 | 9.2 | 307.3 | 322.3 | 5.2 | 59.2 | 5.3 | 10. |
| 9.5 | 35.7 | 3139.7 | 700.0 | 5.8 | -7.6 | 169.2 | 9.8 | -1.8 | 9.6 | 308.9 | 318.2 | 3.1 | 37.6 | 5.9 | 8. |
| 10.5 | 39.4 | 3476.3 | 675.0 | 3.8 | -10.3 | 168.6 | 8.9 | -1.8 | 8.7 | 309.9 | 317.7 | 2.6 | 34.9 | 6.4 | 7. |
| 11.5 | 41.1 | 3741.4 | 650.0 | 1.1 | -12.2 | 166.5 | 6.9 | -1.6 | 6.7 | 310.2 | 317.3 | 2.3 | 36.3 | 6.9 | 5. |
| 12.4 | 43.9 | 4055.4 | 625.0 | -1.4 | -14.7 | 143.9 | 5.3 | -3.1 | 4.3 | 310.9 | 316.9 | 2.0 | 35.6 | 7.2 | 4. |
| 13.4 | 46.9 | 4379.1 | 600.0 | -4.2 | -12.9 | 116.8 | 3.5 | -3.1 | 1.6 | 311.3 | 318.5 | 2.4 | 50.8 | 7.4 | 2. |
| 14.5 | 49.7 | 4713.0 | 575.0 | -7.2 | -14.6 | 284.8 | 0.7 | 0.7 | -0.2 | 311.5 | 318.2 | 2.2 | 55.6 | 7.4 | 1. |
| 16.0 | 52.6 | 5058.4 | 550.0 | -9.0 | -26.7 | 8.6 | 0.9 | -0.1 | -0.9 | 313.4 | 315.9 | 0.8 | 22.2 | 7.4 | 1. |
| 17.5 | 55.8 | 5418.1 | 525.0 | -9.4 | -39.4 | 137.3 | 1.5 | -1.0 | 1.1 | 317.1 | 317.9 | 0.2 | 6.6 | 7.3 | 1. |
| 18.9 | 58.9 | 5792.9 | 500.0 | -12.7 | -39.7 | 238.1 | 2.5 | 2.1 | 1.3 | 317.5 | 318.4 | 0.2 | 8.3 | 7.4 | 3. |
| 20.1 | 62.1 | 6151.7 | 475.0 | -15.9 | -39.6 | 257.2 | 3.7 | 3.6 | 0.8 | 318.3 | 319.2 | 0.3 | 10.9 | 7.5 | 4. |
| 21.4 | 65.4 | 6595.5 | 450.0 | -18.9 | -43.8 | 257.3 | 5.6 | 5.5 | 1.2 | 319.5 | 320.2 | 0.2 | 9.2 | 7.5 | 7. |
| 23.7 | 68.9 | 7010.7 | 425.0 | -20.9 | -49.9 | 234.9 | 7.6 | 6.2 | 4.4 | 322.2 | 322.6 | 0.1 | 5.3 | 7.9 | 11. |
| 24.3 | 72.4 | 7456.4 | 400.0 | -24.1 | -49.3 | 230.5 | 7.4 | 5.7 | 4.7 | 323.7 | 324.1 | 0.1 | 7.6 | 8.4 | 13. |
| 25.1 | 76.0 | 7923.6 | 375.0 | -27.8 | -44.5 | 245.3 | 8.2 | 7.5 | 3.4 | 324.9 | 325.6 | 0.2 | 18.4 | 8.9 | 16. |
| 27.7 | 79.7 | 8415.2 | 350.0 | -31.7 | -34.2 | 253.1 | 10.5 | 10.0 | 3.1 | 326.0 | 328.1 | 0.6 | 79.4 | 9.5 | 21. |
| 29.5 | 83.7 | 8935.3 | 325.0 | -35.4 | -41.4 | 249.7 | 12.9 | 12.1 | 4.5 | 327.9 | 329.0 | 0.3 | 53.6 | 10.4 | 27. |
| 31.5 | 87.8 | 9486.9 | 300.0 | -40.2 | 99.9 | 245.6 | 15.9 | 14.5 | 6.6 | 328.7 | 329.9 | 99.9 | 99.9 | 11.8 | 32. |
| 33.5 | 92.2 | 10074.1 | 275.0 | -45.6 | 99.9 | 245.5 | 18.2 | 16.5 | 7.6 | 329.2 | 329.9 | 99.9 | 99.9 | 13.5 | 37. |
| 35.5 | 96.6 | 10701.7 | 250.0 | -51.2 | 99.9 | 241.3 | 21.8 | 19.2 | 10.5 | 330.0 | 329.9 | 99.9 | 99.9 | 15.6 | 41. |
| 37.7 | 101.4 | 11377.3 | 225.0 | -56.7 | 99.9 | 240.1 | 22.9 | 19.9 | 11.4 | 331.7 | 329.9 | 99.9 | 99.9 | 18.4 | 44. |
| 40.4 | 106.6 | 12115.5 | 200.0 | -61.8 | 99.9 | 248.3 | 23.6 | 21.9 | 8.7 | 334.9 | 329.9 | 99.9 | 99.9 | 22.1 | 47. |
| 42.3 | 112.0 | 12930.7 | 175.0 | -66.7 | 99.9 | 259.3 | 20.0 | 19.7 | 3.7 | 339.9 | 329.9 | 99.9 | 99.9 | 25.0 | 51. |
| 46.3 | 118.0 | 13668.6 | 150.0 | -62.1 | 99.9 | 273.6 | 17.7 | 17.6 | -1.1 | 343.1 | 329.9 | 99.9 | 99.9 | 28.3 | 55. |
| 49.5 | 124.4 | 15005.8 | 125.0 | -62.5 | 99.9 | 286.3 | 9.9 | 9.5 | -2.8 | 341.9 | 329.9 | 99.9 | 99.9 | 30.1 | 58. |
| 53.5 | 132.3 | 16366.6 | 100.0 | -66.6 | 99.9 | 295.1 | 12.7 | 11.5 | -5.4 | 339.0 | 329.9 | 99.9 | 99.9 | 31.7 | 62. |
| 58.9 | 141.3 | 18111.0 | 75.0 | -64.3 | 99.9 | 295.6 | 6.2 | 5.6 | -2.7 | 438.1 | 329.9 | 99.9 | 99.9 | 33.4 | 67. |
| 66.4 | 151.7 | 20618.0 | 50.0 | -58.7 | 99.9 | 320.2 | 5.1 | 3.3 | -3.9 | 505.3 | 329.9 | 99.9 | 99.9 | 33.9 | 70. |
| 78.8 | 163.5 | 25062.1 | 25.0 | -49.2 | 99.9 | 273.1 | 5.8 | 5.8 | -0.3 | 643.3 | 329.9 | 99.9 | 99.9 | 35.3 | 74. |

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 349
 MONETT, MISSOURI

 20 APRIL 1979
 1100 GMT

143 47.0

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | 1' COMP M/SEC | V COMP M/SEC | POY T DG K | E POT T DG K | MX RTO GM/KG | RM PCT | RANGE NM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|------------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 10.0 | 438.0 | 965.1 | 15.0 | 9.4 | 120.0 | 3.1 | -2.7 | 1.5 | 291.1 | 311.3 | 7.7 | 69.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.4 | 11.4 | 572.8 | 950.0 | 18.1 | 11.4 | 171.6 | 9.3 | -1.4 | 9.2 | 295.6 | 319.5 | 9.0 | 64.8 | 0.4 | 330. |
| 1.3 | 12.7 | 501.6 | 925.0 | 17.3 | 13.5 | 188.7 | 11.9 | 1.8 | 11.8 | 297.0 | 325.1 | 10.6 | 78.2 | 0.8 | 350. |
| 2.0 | 16.1 | 1735.7 | 900.0 | 16.6 | 13.6 | 199.2 | 12.2 | 4.0 | 11.5 | 298.6 | 327.8 | 10.9 | 82.2 | 1.4 | 359. |
| 3.0 | 18.5 | 1276.1 | 875.0 | 15.8 | 12.2 | 203.2 | 12.6 | 4.9 | 11.5 | 300.2 | 327.8 | 10.3 | 79.0 | 2.0 | 8. |
| 3.9 | 20.9 | 1522.0 | 850.0 | 14.4 | 10.1 | 202.9 | 11.6 | 4.5 | 10.7 | 301.2 | 326.2 | 9.2 | 75.2 | 2.7 | 11. |
| 4.4 | 23.4 | 1774.2 | 825.0 | 12.6 | 9.5 | 205.7 | 9.2 | 4.0 | 8.3 | 301.9 | 326.7 | 9.1 | 81.4 | 3.2 | 12. |
| 5.4 | 25.9 | 2332.1 | 800.0 | 10.6 | 8.6 | 208.0 | 8.8 | 4.1 | 7.8 | 302.4 | 326.6 | 8.8 | 87.5 | 3.7 | 13. |
| 6.6 | 28.5 | 2296.6 | 775.0 | 8.9 | 6.1 | 211.5 | 8.8 | 4.6 | 7.5 | 303.3 | 324.6 | 7.7 | 82.7 | 4.2 | 17. |
| 7.5 | 31.2 | 2567.4 | 750.0 | 6.7 | 4.8 | 199.7 | 7.6 | 2.6 | 7.1 | 303.9 | 323.9 | 7.2 | 87.4 | 4.6 | 18. |
| 8.5 | 33.7 | 2485.2 | 725.0 | 4.1 | 3.4 | 182.9 | 8.9 | 0.4 | 8.9 | 304.0 | 322.9 | 6.8 | 95.0 | 5.1 | 17. |
| 9.5 | 36.3 | 3130.7 | 700.0 | 3.5 | -2.4 | 169.8 | 9.1 | -1.6 | 9.0 | 306.4 | 319.7 | 4.6 | 65.7 | 5.6 | 15. |
| 10.6 | 39.0 | 3426.0 | 675.0 | 3.4 | -14.2 | 158.2 | 7.9 | -2.9 | 7.3 | 309.5 | 315.3 | 1.9 | 28.2 | 6.1 | 12. |
| 11.6 | 41.8 | 3730.5 | 650.0 | 0.4 | -15.1 | 162.2 | 7.7 | -2.4 | 7.3 | 309.4 | 315.1 | 1.8 | 30.1 | 6.5 | 10. |
| 12.5 | 44.6 | 4433.9 | 625.0 | -1.7 | -19.3 | 139.3 | 3.7 | -2.4 | 2.8 | 310.5 | 314.7 | 1.3 | 24.5 | 6.8 | 9. |
| 13.6 | 47.4 | 4367.2 | 600.0 | -4.4 | -15.6 | 136.7 | 1.3 | 0.1 | -1.3 | 311.0 | 316.9 | 1.9 | 41.2 | 6.8 | 8. |
| 14.7 | 50.4 | 4730.8 | 575.0 | -7.3 | -11.4 | 299.0 | 3.0 | 2.6 | -1.4 | 311.4 | 319.9 | 2.8 | 72.7 | 6.7 | 9. |
| 15.4 | 53.4 | 5345.4 | 550.0 | -10.3 | -19.1 | 281.3 | 2.3 | 2.2 | -0.4 | 311.8 | 317.1 | 1.7 | 53.7 | 6.7 | 11. |
| 16.2 | 56.4 | 5033.0 | 525.0 | -11.6 | -45.6 | 181.9 | 1.9 | 0.1 | 1.9 | 314.5 | 315.0 | 0.1 | 4.1 | 6.7 | 12. |
| 18.2 | 59.4 | 5775.7 | 500.0 | -13.4 | -54.1 | 148.2 | 3.9 | -2.1 | 3.3 | 316.7 | 316.9 | 0.0 | 1.7 | 6.9 | 18. |
| 19.6 | 62.4 | 6163.5 | 475.0 | -16.7 | -49.0 | 160.3 | 4.4 | -1.5 | 4.2 | 317.3 | 317.6 | 0.1 | 4.2 | 7.2 | 9. |
| 21.0 | 66.0 | 6566.8 | 450.0 | -20.2 | -46.2 | 164.2 | 3.6 | -1.0 | 3.5 | 317.8 | 318.3 | 0.1 | 7.7 | 7.5 | 7. |
| 22.5 | 69.4 | 6999.2 | 425.0 | -21.2 | -63.5 | 192.9 | 5.0 | 1.1 | 4.9 | 321.8 | 321.8 | 0.0 | 1.0 | 7.8 | 7. |
| 24.0 | 73.0 | 7434.2 | 400.0 | -24.2 | -58.7 | 201.0 | 7.1 | 2.6 | 6.7 | 323.5 | 323.7 | 0.0 | 2.4 | 8.4 | 8. |
| 25.4 | 76.6 | 7901.0 | 375.0 | -28.6 | -46.1 | 208.0 | 7.9 | 3.7 | 7.0 | 323.7 | 324.3 | 0.2 | 18.8 | 9.1 | 9. |
| 27.2 | 80.3 | 8392.9 | 350.0 | -31.3 | -36.6 | 234.4 | 9.1 | 7.4 | 5.3 | 326.6 | 328.3 | 0.5 | 58.9 | 9.8 | 11. |
| 29.2 | 84.2 | 8712.9 | 325.0 | -36.0 | -42.2 | 245.7 | 12.7 | 11.6 | 5.2 | 327.3 | 328.0 | 0.3 | 52.5 | 10.4 | 16. |
| 30.6 | 88.3 | 9463.1 | 300.0 | -40.9 | 99.9 | 238.3 | 15.5 | 13.2 | 8.2 | 327.8 | 999.9 | 99.9 | 999.9 | 11.5 | 22. |
| 32.5 | 92.6 | 10449.3 | 275.0 | -46.2 | 99.9 | 225.7 | 18.6 | 13.3 | 13.0 | 328.3 | 999.9 | 99.9 | 999.9 | 13.2 | 28. |
| 34.6 | 97.2 | 10673.3 | 250.0 | -52.0 | 99.9 | 225.2 | 21.8 | 15.4 | 15.3 | 328.8 | 999.9 | 99.9 | 999.9 | 15.6 | 28. |
| 36.9 | 101.8 | 11148.3 | 225.0 | -55.1 | 99.9 | 243.9 | 28.8 | 25.9 | 12.7 | 332.6 | 999.9 | 99.9 | 999.9 | 18.7 | 33. |
| 39.5 | 107.0 | 12099.1 | 200.0 | -60.9 | 99.9 | 248.4 | 35.5 | 33.0 | 13.1 | 336.3 | 999.9 | 99.9 | 999.9 | 23.3 | 41. |
| 42.1 | 112.5 | 12912.7 | 175.0 | -63.4 | 99.9 | 260.8 | 24.2 | 23.9 | 3.9 | 345.4 | 999.9 | 99.9 | 999.9 | 27.5 | 46. |
| 45.1 | 119.5 | 13460.5 | 150.0 | -64.6 | 99.9 | 265.0 | 16.8 | 16.8 | 0.6 | 358.8 | 999.9 | 99.9 | 999.9 | 30.5 | 50. |
| 48.7 | 125.3 | 14995.7 | 125.0 | -64.7 | 99.9 | 277.2 | 9.6 | 9.5 | -1.2 | 377.9 | 999.9 | 99.9 | 999.9 | 32.1 | 53. |
| 53.2 | 132.7 | 16345.3 | 100.0 | -64.8 | 99.9 | 281.3 | 11.6 | 11.4 | -2.3 | 402.6 | 999.9 | 99.9 | 999.9 | 34.6 | 57. |
| 59.0 | 141.0 | 18104.4 | 75.0 | -64.6 | 99.9 | 301.4 | 8.0 | 6.9 | -4.2 | 437.5 | 999.9 | 99.9 | 999.9 | 36.8 | 60. |
| 67.2 | 150.7 | 20599.8 | 50.0 | -58.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 505.5 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |

 * BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 353
OKLAHOMA CITY, OKLAHOMA
19 APRIL 1979
1100 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT Y DG K | MX WFO GM/KG | AM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|---------------|-----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 8.9 | 392.0 | 968.5 | 16.7 | 15.9 | 150.0 | 6.2 | -3.1 | 5.4 | 292.5 | 323.1 | 11.8 | 95.0 | 0.0 | 0. |
| 0.3 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.6 | 10.3 | 556.9 | 950.0 | 16.1 | 15.5 | 167.8 | 12.4 | -2.6 | 17.1 | 293.5 | 324.1 | 11.8 | 96.8 | 0.3 | 342. |
| 1.5 | 12.3 | 783.9 | 925.0 | 14.9 | 14.4 | 176.0 | 14.9 | -1.0 | 14.9 | 294.6 | 324.0 | 11.2 | 96.6 | 1.0 | 347. |
| 2.3 | 14.3 | 1016.5 | 900.0 | 14.8 | 14.2 | 186.6 | 19.6 | 2.2 | 19.5 | 296.7 | 327.0 | 11.4 | 95.6 | 1.9 | 350. |
| 3.2 | 16.4 | 1255.6 | 875.0 | 14.4 | 13.8 | 193.4 | 20.4 | 4.7 | 19.9 | 298.8 | 329.2 | 11.4 | 96.1 | 2.9 | 360. |
| 4.2 | 18.6 | 1501.6 | 850.0 | 14.4 | 13.8 | 207.3 | 17.5 | 8.0 | 15.5 | 301.3 | 333.1 | 11.8 | 95.2 | 4.0 | 6. |
| 5.2 | 20.7 | 1754.1 | 825.0 | 12.8 | 12.0 | 208.4 | 15.8 | 7.5 | 13.9 | 302.1 | 331.4 | 10.8 | 95.2 | 4.9 | 10. |
| 6.2 | 23.0 | 2012.7 | 800.0 | 11.4 | 10.6 | 209.5 | 14.1 | 6.9 | 12.2 | 303.4 | 331.0 | 10.1 | 94.4 | 5.8 | 13. |
| 7.1 | 25.2 | 2278.7 | 775.0 | 10.6 | 10.3 | 210.5 | 12.4 | 6.3 | 10.6 | 305.2 | 329.5 | 8.7 | 84.0 | 6.5 | 15. |
| 8.1 | 27.5 | 2522.5 | 750.0 | 10.3 | 8.0 | 209.0 | 9.7 | 4.7 | 8.5 | 307.8 | 321.9 | 4.9 | 46.4 | 7.1 | 16. |
| 9.2 | 29.9 | 2744.0 | 725.0 | 8.6 | -4.2 | 206.2 | 9.9 | 4.4 | 8.9 | 309.0 | 323.4 | 3.9 | 39.9 | 7.7 | 17. |
| 10.2 | 32.1 | 3123.4 | 700.0 | 6.3 | -4.8 | 203.0 | 10.1 | 4.0 | 9.3 | 309.5 | 320.8 | 3.6 | 44.6 | 8.4 | 18. |
| 11.4 | 34.8 | 3420.3 | 675.0 | 3.8 | -7.0 | 199.7 | 9.4 | 3.0 | 8.9 | 309.9 | 319.9 | 3.4 | 45.1 | 9.0 | 18. |
| 12.5 | 37.1 | 3725.8 | 650.0 | 1.4 | -10.2 | 199.2 | 8.3 | 2.7 | 7.8 | 310.6 | 318.8 | 2.7 | 41.9 | 9.7 | 18. |
| 13.4 | 39.9 | 4040.1 | 625.0 | -1.1 | -12.8 | 212.1 | 5.6 | 3.0 | 4.7 | 311.2 | 316.2 | 2.3 | 40.5 | 10.2 | 18. |
| 15.1 | 42.5 | 4364.5 | 600.0 | -3.9 | -11.3 | 228.3 | 6.9 | 5.1 | 4.6 | 311.6 | 319.8 | 2.7 | 55.4 | 10.6 | 19. |
| 16.4 | 45.3 | 4698.7 | 575.0 | -6.9 | -11.5 | 233.2 | 7.1 | 5.7 | 4.3 | 311.9 | 320.3 | 2.8 | 69.8 | 11.1 | 21. |
| 17.7 | 48.2 | 5033.6 | 550.0 | -10.2 | -14.1 | 240.6 | 8.0 | 7.0 | 3.9 | 312.0 | 319.2 | 2.3 | 73.2 | 11.5 | 23. |
| 19.7 | 51.1 | 5399.8 | 525.0 | -13.7 | -14.3 | 248.3 | 7.4 | 6.9 | 2.7 | 311.9 | 319.3 | 2.4 | 95.6 | 12.0 | 25. |
| 20.5 | 54.3 | 5770.9 | 500.0 | -13.6 | -18.5 | 256.0 | 5.6 | 5.5 | 1.4 | 316.5 | 316.6 | 0.0 | 1.0 | 12.4 | 26. |
| 21.7 | 57.4 | 6158.4 | 475.0 | -17.0 | -20.7 | 253.4 | 6.1 | 5.8 | 1.7 | 316.9 | 317.0 | 0.0 | 1.0 | 12.7 | 28. |
| 23.6 | 60.7 | 6561.1 | 450.0 | -20.7 | -24.4 | 258.1 | 7.2 | 7.1 | 1.5 | 317.3 | 317.9 | 0.2 | 10.1 | 13.1 | 30. |
| 24.9 | 64.1 | 6950.9 | 425.0 | -23.8 | -25.1 | 264.8 | 7.6 | 7.4 | 2.0 | 318.5 | 316.6 | 0.0 | 1.0 | 13.6 | 32. |
| 26.5 | 67.7 | 7421.0 | 400.0 | -26.8 | -27.0 | 262.2 | 9.2 | 9.1 | 1.3 | 320.2 | 320.3 | 0.0 | 1.0 | 14.1 | 34. |
| 28.1 | 71.5 | 7893.2 | 375.0 | -30.4 | -29.4 | 256.7 | 11.4 | 11.0 | 3.0 | 321.3 | 321.4 | 0.0 | 1.0 | 15.0 | 37. |
| 30.3 | 75.5 | 8370.1 | 350.0 | -34.1 | -31.9 | 260.3 | 13.4 | 13.2 | 2.3 | 322.7 | 322.7 | 0.0 | 1.0 | 16.1 | 41. |
| 32.1 | 79.6 | 8855.3 | 325.0 | -37.5 | -34.1 | 264.6 | 15.4 | 15.4 | 1.5 | 325.0 | 325.0 | 0.0 | 1.0 | 17.3 | 44. |
| 34.0 | 84.2 | 9333.6 | 300.0 | -41.6 | -39.9 | 261.6 | 17.0 | 16.8 | 2.5 | 326.7 | 326.7 | 0.0 | 99.9 | 18.7 | 46. |
| 36.0 | 88.6 | 10018.2 | 275.0 | -46.5 | -46.5 | 259.3 | 18.7 | 18.4 | 3.5 | 327.9 | 327.9 | 0.0 | 99.9 | 20.6 | 51. |
| 38.4 | 93.6 | 10745.4 | 250.0 | -50.9 | -50.9 | 256.4 | 19.6 | 19.1 | 4.6 | 330.4 | 330.4 | 0.0 | 99.9 | 23.1 | 54. |
| 40.2 | 98.4 | 11321.9 | 225.0 | -57.0 | -57.0 | 261.7 | 22.0 | 21.8 | 3.2 | 331.1 | 331.1 | 0.0 | 99.9 | 25.9 | 57. |
| 43.5 | 104.4 | 12057.9 | 200.0 | -61.9 | -61.9 | 264.5 | 23.4 | 23.3 | 2.2 | 334.7 | 334.7 | 0.0 | 99.9 | 29.3 | 60. |
| 46.1 | 110.5 | 12882.4 | 175.0 | -60.9 | -60.9 | 263.8 | 23.0 | 22.8 | 2.5 | 349.5 | 349.5 | 0.0 | 99.9 | 33.4 | 63. |
| 50.5 | 117.0 | 13941.2 | 150.0 | -60.6 | -60.6 | 259.2 | 25.7 | 25.3 | 4.2 | 365.7 | 365.7 | 0.0 | 99.9 | 38.5 | 66. |
| 54.7 | 124.0 | 14974.4 | 125.0 | -62.3 | -62.3 | 264.5 | 16.8 | 16.8 | 1.6 | 382.3 | 382.3 | 0.0 | 99.9 | 43.5 | 67. |
| 60.3 | 131.7 | 16334.1 | 100.0 | -67.5 | -67.5 | 273.8 | 19.0 | 18.9 | -1.3 | 397.3 | 397.3 | 0.0 | 99.9 | 48.6 | 70. |
| 66.7 | 140.0 | 18669.1 | 75.0 | -66.2 | -66.2 | 282.1 | 12.2 | 11.9 | -2.5 | 434.2 | 434.2 | 0.0 | 99.9 | 54.2 | 73. |
| 75.3 | 148.7 | 20586.2 | 50.0 | -59.1 | -59.1 | 325.8 | 6.5 | 3.7 | -3.4 | 506.7 | 506.7 | 0.0 | 99.9 | 57.4 | 76. |
| 79.0 | 157.7 | 25069.5 | 25.0 | -46.3 | -46.3 | 246.1 | 5.1 | 4.7 | 2.1 | 651.9 | 651.9 | 0.0 | 99.9 | 59.5 | 79. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 353
OKLAHOMA CITY, OKLAHOMA

19 APRIL 1979
1405 GMT

| TIME MIN | CNCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | J COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 9.3 | 392.0 | 969.5 | 17.2 | 16.2 | 170.0 | 5.1 | -0.9 | 5.0 | 292.9 | 324.2 | 12.1 | 94.0 | 0.0 | 0. |
| 99.2 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.2 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.2 | 99.9 | 99.9 | 950.0 | 16.3 | 16.1 | 174.5 | 12.3 | -1.2 | 12.3 | 293.7 | 325.6 | 12.3 | 99.8 | 0.2 | 355. |
| 1.4 | 13.4 | 793.0 | 950.0 | 16.3 | 16.7 | 180.4 | 13.4 | 0.1 | 13.4 | 294.6 | 324.7 | 11.5 | 98.8 | 0.0 | 356. |
| 2.1 | 15.7 | 1025.5 | 903.0 | 14.2 | 14.1 | 186.9 | 16.6 | 2.0 | 16.5 | 296.2 | 326.0 | 11.3 | 99.9 | 1.5 | 359. |
| 3.0 | 14.1 | 1264.5 | 875.0 | 14.6 | 13.7 | 191.6 | 16.5 | 3.3 | 16.2 | 298.9 | 329.2 | 11.3 | 94.4 | 2.5 | 3. |
| 4.0 | 22.5 | 1510.6 | 850.0 | 14.9 | 13.5 | 202.3 | 14.5 | 5.5 | 13.4 | 301.7 | 333.0 | 11.6 | 91.8 | 3.3 | 7. |
| 5.0 | 22.9 | 1764.0 | 825.0 | 14.4 | 12.0 | 207.2 | 13.3 | 6.0 | 11.8 | 303.8 | 333.3 | 10.8 | 85.5 | 4.1 | 11. |
| 5.7 | 25.3 | 2023.9 | 800.0 | 12.6 | 10.0 | 203.7 | 11.8 | 4.8 | 10.8 | 304.6 | 331.3 | 9.7 | 83.8 | 4.8 | 13. |
| 6.7 | 27.3 | 2290.2 | 775.0 | 10.7 | 8.1 | 198.9 | 10.6 | 3.4 | 10.0 | 305.3 | 329.8 | 8.8 | 83.8 | 5.4 | 14. |
| 7.8 | 32.3 | 2543.8 | 750.0 | 10.2 | 2.4 | 196.4 | 11.1 | 3.1 | 10.6 | 307.7 | 325.2 | 6.1 | 59.7 | 6.0 | 14. |
| 8.7 | 32.9 | 2545.6 | 725.0 | 9.2 | -3.8 | 200.2 | 9.6 | 3.3 | 9.1 | 309.6 | 321.4 | 4.0 | 39.7 | 6.6 | 14. |
| 9.7 | 35.4 | 3135.3 | 700.0 | 7.0 | -7.4 | 199.5 | 9.9 | 3.3 | 9.3 | 310.2 | 319.7 | 3.1 | 35.1 | 7.1 | 15. |
| 10.7 | 34.1 | 3413.1 | 675.0 | 4.7 | -7.3 | 195.8 | 10.4 | 2.8 | 10.0 | 310.9 | 320.7 | 3.3 | 41.3 | 7.8 | 15. |
| 11.0 | 40.8 | 3739.2 | 650.0 | 2.1 | -9.8 | 195.6 | 9.5 | 2.5 | 9.1 | 311.4 | 319.8 | 2.8 | 40.7 | 8.5 | 15. |
| 13.1 | 43.6 | 4354.3 | 625.0 | -0.7 | -11.2 | 206.0 | 9.3 | 4.1 | 8.3 | 311.6 | 319.6 | 2.6 | 44.7 | 9.1 | 15. |
| 16.2 | 45.3 | 4378.7 | 600.0 | -3.7 | -12.1 | 212.2 | 10.1 | 5.4 | 8.6 | 311.9 | 319.6 | 2.5 | 51.9 | 9.8 | 16. |
| 15.5 | 49.7 | 4713.4 | 575.0 | -6.6 | -11.9 | 206.1 | 9.4 | 4.1 | 8.4 | 312.3 | 320.5 | 2.7 | 65.8 | 10.5 | 17. |
| 16.4 | 52.1 | 5058.8 | 550.0 | -9.9 | -12.3 | 199.8 | 9.0 | 3.1 | 8.5 | 312.3 | 320.6 | 2.7 | 82.8 | 11.1 | 18. |
| 17.2 | 55.1 | 5415.9 | 525.0 | -12.9 | -18.4 | 207.7 | 8.4 | 3.9 | 7.4 | 312.9 | 318.6 | 1.8 | 67.8 | 11.8 | 18. |
| 19.2 | 53.1 | 5788.3 | 500.0 | -12.9 | -38.5 | 220.3 | 8.7 | 5.7 | 6.7 | 317.3 | 318.3 | 0.3 | 9.6 | 12.4 | 19. |
| 20.4 | 61.4 | 5177.1 | 475.0 | -16.0 | -39.2 | 237.8 | 10.0 | 8.5 | 5.3 | 318.2 | 319.2 | 0.3 | 11.4 | 13.1 | 20. |
| 22.0 | 63.5 | 6581.6 | 450.0 | -17.6 | -40.9 | 244.3 | 11.1 | 10.0 | 4.8 | 318.6 | 319.5 | 0.2 | 13.0 | 13.8 | 23. |
| 23.0 | 67.9 | 7023.3 | 425.0 | -22.6 | -47.5 | 243.8 | 8.1 | 7.3 | 3.6 | 320.0 | 320.4 | 0.1 | 8.2 | 14.5 | 26. |
| 25.1 | 71.3 | 7445.3 | 400.0 | -25.7 | -49.1 | 253.4 | 10.0 | 9.6 | 2.9 | 321.6 | 322.0 | 0.1 | 9.0 | 15.1 | 27. |
| 26.3 | 74.9 | 7909.4 | 375.0 | -29.4 | -51.7 | 255.2 | 12.5 | 12.1 | 3.2 | 322.7 | 323.0 | 0.1 | 9.4 | 15.9 | 31. |
| 28.4 | 78.6 | 9398.6 | 350.0 | -32.8 | -53.9 | 252.5 | 13.5 | 12.9 | 4.1 | 324.6 | 324.9 | 0.1 | 10.0 | 16.9 | 34. |
| 30.4 | 82.5 | 8916.8 | 325.0 | -36.3 | -56.4 | 253.3 | 16.2 | 15.5 | 4.6 | 326.7 | 326.9 | 0.1 | 10.4 | 18.3 | 37. |
| 32.4 | 88.4 | 9467.6 | 300.0 | -40.4 | 99.9 | 250.7 | 17.7 | 16.7 | 5.9 | 328.4 | 999.9 | 99.9 | 999.9 | 20.0 | 41. |
| 34.5 | 90.7 | 10934.0 | 275.0 | -45.3 | 99.9 | 256.9 | 17.0 | 16.6 | 3.9 | 329.6 | 999.9 | 99.9 | 999.9 | 21.7 | 44. |
| 36.4 | 95.2 | 12592.7 | 250.0 | -50.6 | 99.9 | 257.2 | 17.4 | 16.9 | 3.8 | 330.9 | 999.9 | 99.9 | 999.9 | 23.7 | 47. |
| 39.1 | 100.0 | 14300.4 | 225.0 | -56.2 | 99.9 | 261.7 | 20.7 | 20.5 | 3.0 | 332.4 | 999.9 | 99.9 | 999.9 | 25.7 | 50. |
| 41.4 | 103.0 | 12131.0 | 200.0 | -51.3 | 99.9 | 257.4 | 23.4 | 22.8 | 5.1 | 335.7 | 999.9 | 99.9 | 999.9 | 28.8 | 53. |
| 44.4 | 110.5 | 12376.9 | 175.0 | -61.1 | 99.9 | 260.5 | 22.1 | 21.8 | 3.7 | 349.1 | 999.9 | 99.9 | 999.9 | 32.5 | 56. |
| 47.4 | 114.5 | 13496.4 | 150.0 | -60.9 | 99.9 | 256.4 | 22.3 | 21.6 | 5.2 | 365.1 | 999.9 | 99.9 | 999.9 | 36.3 | 59. |
| 51.7 | 123.0 | 15019.8 | 125.0 | -63.9 | 99.9 | 262.5 | 16.6 | 16.4 | 2.2 | 384.7 | 999.9 | 99.9 | 999.9 | 40.9 | 61. |
| 55.3 | 132.3 | 14332.3 | 100.0 | -65.8 | 99.9 | 273.6 | 19.4 | 19.4 | -1.2 | 400.6 | 999.9 | 99.9 | 999.9 | 44.9 | 63. |
| 61.1 | 134.3 | 18139.9 | 75.0 | -64.7 | 99.9 | 287.2 | 14.7 | 14.0 | -4.3 | 437.3 | 999.9 | 99.9 | 999.9 | 49.4 | 67. |
| 64.4 | 147.3 | 20647.7 | 50.0 | -59.0 | 99.9 | 302.4 | 6.2 | 5.2 | -3.3 | 504.6 | 999.9 | 99.9 | 999.9 | 51.6 | 70. |
| 80.2 | 156.7 | 25125.6 | 25.0 | -48.1 | 99.9 | 253.1 | 4.2 | 4.1 | 1.2 | 646.8 | 999.9 | 99.9 | 999.9 | 52.9 | 73. |

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
°° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 353
OKLAHOMA CITY, OKLAHOMA

19 APRIL 1979
1705 GMT

| TIME MIN | CMTCY | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP H/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| | | | | | | | | | | | | | | | |
| 0.0 | 9.4 | 392.0 | 969.2 | 18.9 | 17.2 | 160.0 | 8.2 | -2.8 | 7.7 | 294.7 | 328.2 | 12.9 | 90.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.7 | 93.7 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 9.4 | 11.1 | 563.9 | 950.0 | 17.2 | 16.4 | 171.7 | 14.1 | -2.0 | 14.0 | 294.6 | 327.1 | 12.5 | 94.9 | 0.3 | 347. |
| 1.3 | 13.4 | 791.6 | 925.0 | 15.5 | 14.7 | 177.5 | 12.4 | -0.5 | 12.4 | 295.2 | 325.2 | 11.5 | 95.0 | 0.8 | 351. |
| 2.0 | 15.4 | 1024.5 | 900.0 | 14.9 | 14.2 | 189.1 | 14.5 | 2.3 | 14.3 | 296.9 | 326.9 | 11.4 | 95.5 | 1.4 | 355. |
| 2.9 | 19.2 | 1264.2 | 875.0 | 16.5 | 9.8 | 193.9 | 15.1 | 3.6 | 14.6 | 300.9 | 324.7 | 8.7 | 64.5 | 2.2 | 3. |
| 3.7 | 20.6 | 1511.4 | 850.0 | 16.3 | 9.1 | 191.0 | 14.2 | 2.7 | 13.9 | 303.3 | 326.9 | 8.6 | 62.0 | 3.1 | 5. |
| 4.9 | 23.1 | 1765.1 | 825.0 | 15.0 | 9.2 | 198.7 | 12.3 | 3.9 | 11.4 | 304.4 | 329.1 | 8.9 | 65.6 | 3.9 | 7. |
| 5.9 | 25.6 | 2025.4 | 800.0 | 12.9 | 9.0 | 204.0 | 13.0 | 5.3 | 11.9 | 304.9 | 330.0 | 9.1 | 77.0 | 4.6 | 9. |
| 6.4 | 28.1 | 2292.0 | 775.0 | 11.1 | 6.2 | 205.9 | 13.5 | 5.9 | 12.1 | 305.8 | 327.4 | 7.7 | 71.8 | 5.3 | 12. |
| 7.9 | 30.6 | 2555.3 | 750.0 | 9.1 | 3.5 | 202.1 | 13.0 | 4.9 | 12.1 | 306.5 | 325.1 | 6.6 | 67.9 | 6.1 | 14. |
| 9.3 | 33.2 | 2846.3 | 725.0 | 9.2 | -3.8 | 192.6 | 12.6 | 2.8 | 12.3 | 309.6 | 317.2 | 2.5 | 25.0 | 6.9 | 14. |
| 10.7 | 35.4 | 3136.0 | 700.0 | 7.4 | -12.5 | 191.3 | 10.9 | 2.1 | 10.6 | 310.7 | 317.2 | 2.1 | 22.7 | 7.7 | 14. |
| 11.2 | 38.5 | 3433.9 | 675.0 | 4.8 | -14.0 | 197.2 | 9.6 | 2.8 | 9.2 | 311.0 | 317.0 | 1.9 | 24.0 | 8.4 | 14. |
| 12.2 | 41.2 | 3740.1 | 650.0 | 2.2 | -14.2 | 193.4 | 9.6 | 2.2 | 9.3 | 311.5 | 317.6 | 2.0 | 24.4 | 9.0 | 14. |
| 13.4 | 44.3 | 4055.4 | 625.0 | -0.2 | -15.1 | 188.0 | 10.3 | 1.4 | 10.2 | 312.2 | 318.1 | 1.9 | 31.6 | 9.6 | 14. |
| 14.5 | 46.4 | 4390.5 | 600.0 | -3.2 | -14.4 | 186.3 | 11.0 | 1.2 | 11.0 | 312.4 | 318.9 | 2.1 | 41.5 | 10.4 | 13. |
| 15.4 | 49.8 | 4715.6 | 575.0 | -6.4 | -13.9 | 188.4 | 11.1 | 1.6 | 11.0 | 312.5 | 319.5 | 2.3 | 55.5 | 11.2 | 13. |
| 17.7 | 52.7 | 5061.7 | 550.0 | -9.3 | -13.0 | 193.0 | 10.7 | 2.4 | 10.4 | 313.1 | 320.9 | 2.6 | 74.4 | 12.0 | 13. |
| 18.3 | 55.8 | 5419.8 | 525.0 | -12.1 | -15.6 | 203.9 | 9.9 | 4.0 | 9.1 | 313.8 | 320.6 | 2.2 | 75.5 | 12.8 | 13. |
| 19.4 | 58.7 | 5732.7 | 500.0 | -12.6 | -17.9 | 222.0 | 8.6 | 5.8 | 6.4 | 317.7 | 317.8 | 0.0 | 1.0 | 13.6 | 14. |
| 21.4 | 62.0 | 6181.9 | 475.0 | -15.6 | -59.8 | 231.7 | 8.7 | 6.9 | 5.4 | 318.7 | 318.8 | 0.0 | 1.0 | 14.2 | 16. |
| 22.7 | 65.4 | 6537.3 | 450.0 | -19.1 | -62.0 | 225.2 | 10.0 | 7.1 | 7.1 | 319.3 | 319.4 | 0.0 | 1.0 | 15.0 | 18. |
| 24.5 | 68.7 | 7110.2 | 425.0 | -21.4 | -63.6 | 237.9 | 11.1 | 9.4 | 5.9 | 321.6 | 321.6 | 0.0 | 1.0 | 15.4 | 19. |
| 26.0 | 72.2 | 7455.1 | 400.0 | -23.9 | -63.2 | 237.8 | 12.6 | 12.3 | 2.7 | 323.9 | 323.0 | 0.0 | 1.0 | 16.5 | 22. |
| 27.8 | 75.4 | 7922.5 | 375.0 | -27.9 | -67.8 | 268.5 | 14.3 | 14.3 | 0.4 | 324.7 | 324.8 | 0.0 | 1.0 | 17.3 | 27. |
| 29.6 | 79.5 | 8414.0 | 350.0 | -32.3 | -70.7 | 269.2 | 16.3 | 16.3 | 0.2 | 325.3 | 325.3 | 0.0 | 1.0 | 18.0 | 31. |
| 31.7 | 83.4 | 8733.1 | 325.0 | -35.4 | -62.8 | 260.6 | 20.2 | 19.9 | 3.3 | 327.9 | 328.0 | 0.0 | 4.1 | 19.4 | 37. |
| 33.7 | 87.5 | 9485.1 | 300.0 | -40.3 | -69.9 | 253.3 | 19.7 | 18.9 | 5.6 | 328.6 | 999.9 | 99.9 | 999.9 | 21.6 | 41. |
| 36.1 | 91.7 | 10773.1 | 275.0 | -44.7 | 99.9 | 251.9 | 17.4 | 16.5 | 5.4 | 330.4 | 999.9 | 99.9 | 999.9 | 23.8 | 44. |
| 38.7 | 96.2 | 10702.5 | 250.0 | -50.5 | 99.9 | 250.0 | 17.2 | 16.8 | 3.6 | 331.0 | 999.9 | 99.9 | 999.9 | 25.8 | 47. |
| 40.4 | 100.8 | 11781.7 | 225.0 | -55.5 | 99.9 | 260.6 | 22.7 | 22.4 | 3.7 | 333.5 | 999.9 | 99.9 | 999.9 | 28.2 | 50. |
| 43.7 | 106.0 | 12123.0 | 200.0 | -60.9 | 99.9 | 257.2 | 21.9 | 21.4 | 4.8 | 338.4 | 999.9 | 99.9 | 999.9 | 31.8 | 54. |
| 46.6 | 111.5 | 12952.9 | 175.0 | -61.0 | 99.9 | 256.8 | 19.2 | 18.7 | 4.4 | 351.0 | 999.9 | 99.9 | 999.9 | 35.1 | 56. |
| 49.9 | 117.5 | 13711.1 | 150.0 | -61.0 | 99.9 | 254.1 | 20.4 | 19.6 | 5.6 | 365.1 | 999.9 | 99.9 | 999.9 | 38.6 | 58. |
| 53.9 | 124.0 | 15045.8 | 125.0 | -58.8 | 99.9 | 260.5 | 19.5 | 19.3 | 3.2 | 388.6 | 999.9 | 99.9 | 999.9 | 43.1 | 60. |
| 54.4 | 131.3 | 16425.4 | 100.0 | -65.1 | 99.9 | 270.7 | 17.4 | 17.4 | -0.2 | 402.1 | 999.9 | 99.9 | 999.9 | 47.9 | 62. |
| 57.9 | 139.5 | 18165.6 | 75.0 | -66.6 | 99.9 | 292.4 | 11.6 | 10.8 | -4.4 | 433.3 | 999.9 | 99.9 | 999.9 | 51.6 | 65. |
| 61.9 | 148.7 | 20692.8 | 50.0 | -57.7 | 99.9 | 295.4 | 5.1 | 4.6 | -2.2 | 507.7 | 999.9 | 99.9 | 999.9 | 54.8 | 68. |
| 63.9 | 158.3 | 23151.6 | 25.0 | -47.0 | 99.9 | 238.9 | 6.3 | 5.4 | 3.3 | 650.0 | 999.9 | 99.9 | 999.9 | 56.6 | 70. |

BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 353
OKLAHOMA CITY, OKLAHOMA

19 APRIL 1979

135 63. 0

| TIME MIN | CNCT | HEIGHT CPH | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | J COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | WX ATD CM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 9.4 | 332.0 | 965.2 | 20.0 | 17.8 | 160.0 | 8.2 | -2.0 | 7.7 | 295.9 | 330.8 | 13.4 | 87.0 | 0.0 | 0. |
| 00.0 | 9.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.0 | 9.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.5 | 11.0 | 555.6 | 950.0 | 17.9 | 17.0 | 167.9 | 9.2 | 1.3 | 9.1 | 295.4 | 310.9 | 13.6 | 90.2 | 0.3 | 100. |
| 1.4 | 13.4 | 784.2 | 925.0 | 16.2 | 16.2 | 178.9 | 9.9 | -0.2 | 9.9 | 299.9 | 329.1 | 12.7 | 100.7 | 0.6 | 356. |
| 2.7 | 15.7 | 1017.6 | 900.0 | 15.2 | 15.2 | 163.0 | 10.3 | 0.5 | 10.3 | 299.1 | 329.2 | 12.2 | 100.6 | 1.3 | 37. |
| 3.0 | 19.1 | 1257.0 | 875.0 | 14.6 | 14.6 | 167.3 | 11.7 | 1.5 | 11.6 | 299.0 | 331.1 | 12.1 | 100.8 | 1.7 | 360. |
| 3.7 | 20.5 | 1502.4 | 850.0 | 12.9 | 11.2 | 192.3 | 13.6 | 2.9 | 13.5 | 299.7 | 326.4 | 9.9 | 99.7 | 2.3 | 2. |
| 4.6 | 22.9 | 1753.4 | 825.0 | 12.7 | 7.9 | 194.7 | 13.6 | 3.5 | 13.3 | 302.0 | 324.3 | 8.1 | 72.6 | 3.0 | 5. |
| 5.3 | 25.3 | 2312.1 | 800.0 | 12.0 | 8.2 | 191.8 | 12.6 | 2.6 | 12.5 | 304.0 | 327.8 | 6.6 | 77.9 | 3.6 | 6. |
| 6.3 | 27.8 | 2278.0 | 775.0 | 10.4 | 4.6 | 192.3 | 11.4 | 2.4 | 11.1 | 305.0 | 324.5 | 6.9 | 67.4 | 4.3 | 7. |
| 7.3 | 30.4 | 2550.5 | 750.0 | 9.6 | 3.1 | 193.6 | 11.1 | 2.6 | 10.8 | 306.1 | 324.2 | 6.4 | 67.5 | 5.0 | 8. |
| 8.4 | 33.0 | 2830.5 | 725.0 | 7.5 | -1.2 | 191.9 | 9.7 | 2.0 | 9.5 | 307.7 | 321.7 | 4.8 | 53.8 | 5.6 | 9. |
| 9.4 | 35.6 | 3119.0 | 700.0 | 5.8 | -5.9 | 193.5 | 10.2 | 2.4 | 9.9 | 308.9 | 319.4 | 3.5 | 42.9 | 6.3 | 9. |
| 10.5 | 39.3 | 3415.7 | 675.0 | 3.7 | -7.6 | 193.6 | 10.1 | 2.4 | 9.6 | 309.8 | 319.4 | 3.2 | 43.1 | 6.9 | 9. |
| 11.7 | 41.0 | 3720.7 | 650.0 | 1.2 | -13.2 | 191.7 | 10.1 | 2.0 | 9.9 | 310.3 | 316.9 | 2.1 | 33.1 | 7.6 | 10. |
| 12.3 | 43.7 | 4035.4 | 625.0 | -0.8 | -11.1 | 191.2 | 11.4 | 2.2 | 11.1 | 311.5 | 319.5 | 2.6 | 45.6 | 8.3 | 10. |
| 14.3 | 46.4 | 4360.2 | 600.0 | -3.3 | -12.6 | 190.9 | 11.6 | 2.2 | 11.4 | 312.3 | 319.7 | 2.4 | 48.4 | 9.2 | 10. |
| 15.3 | 49.4 | 4695.3 | 575.0 | -6.0 | -13.2 | 190.5 | 9.9 | 3.3 | 9.3 | 313.0 | 320.4 | 2.4 | 56.5 | 10.1 | 10. |
| 16.7 | 52.3 | 5041.8 | 550.0 | -9.7 | -16.6 | 211.0 | 9.2 | 4.8 | 7.0 | 313.7 | 319.7 | 1.9 | 52.8 | 10.6 | 11. |
| 18.1 | 55.1 | 5401.3 | 525.0 | -10.4 | -36.0 | 217.4 | 11.5 | 7.0 | 9.1 | 316.0 | 316.0 | 0.6 | 19.2 | 11.5 | 13. |
| 19.1 | 58.5 | 5775.5 | 500.0 | -12.3 | -57.7 | 219.0 | 11.2 | 7.0 | 8.7 | 318.0 | 318.2 | 0.0 | 1.0 | 12.4 | 15. |
| 20.7 | 61.6 | 6165.0 | 475.0 | -15.4 | -59.7 | 216.2 | 10.0 | 5.9 | 8.1 | 319.7 | 319.1 | 0.0 | 1.0 | 13.2 | 16. |
| 22.1 | 64.9 | 6570.5 | 450.0 | -18.7 | -61.8 | 224.4 | 9.9 | 6.9 | 7.0 | 319.8 | 319.8 | 0.0 | 1.0 | 14.7 | 20. |
| 23.7 | 68.1 | 6994.6 | 425.0 | -21.2 | -65.4 | 243.4 | 8.9 | 8.0 | 4.6 | 321.8 | 321.9 | 0.0 | 1.0 | 15.1 | 22. |
| 25.3 | 71.7 | 7439.6 | 400.0 | -24.3 | -67.9 | 272.6 | 10.4 | 10.3 | 0.3 | 323.5 | 323.5 | 0.0 | 1.0 | 15.5 | 25. |
| 26.3 | 75.3 | 7926.6 | 375.0 | -29.0 | -40.5 | 261.1 | 13.1 | 12.9 | 2.0 | 325.1 | 326.2 | 0.3 | 43.9 | 16.0 | 29. |
| 28.6 | 79.9 | 8397.2 | 350.0 | -32.4 | -45.7 | 247.0 | 19.6 | 18.1 | 7.7 | 326.3 | 329.0 | 0.2 | 32.6 | 17.3 | 33. |
| 30.4 | 82.8 | 8917.4 | 325.0 | -35.1 | -49.9 | 248.4 | 22.0 | 20.4 | 8.1 | 329.4 | 329.4 | 0.0 | 99.9 | 19.6 | 37. |
| 32.3 | 86.4 | 9470.4 | 300.0 | -39.7 | -53.0 | 245.8 | 20.2 | 18.4 | 8.3 | 330.0 | 329.9 | 0.0 | 99.9 | 21.8 | 41. |
| 34.4 | 91.0 | 10058.5 | 275.0 | -43.0 | -56.1 | 256.2 | 16.0 | 17.5 | 4.3 | 335.6 | 329.9 | 0.0 | 99.9 | 24.1 | 46. |
| 36.7 | 95.5 | 10637.6 | 250.0 | -50.6 | -61.2 | 253.2 | 20.5 | 19.6 | 5.9 | 337.4 | 329.9 | 0.0 | 99.9 | 26.5 | 47. |
| 42.3 | 105.4 | 12107.4 | 200.0 | -67.2 | -69.9 | 248.4 | 17.3 | 16.1 | 6.4 | 344.9 | 329.9 | 0.0 | 99.9 | 32.6 | 52. |
| 44.7 | 110.8 | 12933.2 | 175.0 | -61.1 | -69.9 | 246.5 | 20.5 | 18.8 | 8.2 | 345.9 | 329.9 | 0.0 | 99.9 | 35.7 | 53. |
| 47.7 | 116.4 | 13689.2 | 150.0 | -61.4 | -69.9 | 256.1 | 24.0 | 23.3 | 5.8 | 349.9 | 329.9 | 0.0 | 99.9 | 40.9 | 54. |
| 51.5 | 123.3 | 15021.8 | 125.0 | -65.4 | -69.9 | 270.9 | 17.1 | 17.0 | -0.3 | 401.1 | 329.9 | 0.0 | 99.9 | 45.4 | 59. |
| 55.7 | 130.7 | 16391.9 | 100.0 | -65.4 | -69.9 | 270.9 | 17.1 | 17.0 | -0.3 | 401.1 | 329.9 | 0.0 | 99.9 | 45.4 | 59. |
| 61.3 | 139.0 | 18143.4 | 75.0 | -65.4 | -69.9 | 270.9 | 17.1 | 17.0 | -0.3 | 401.1 | 329.9 | 0.0 | 99.9 | 45.4 | 59. |
| 69.0 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.3 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 353
OKLAHOMA CITY, OKLAHOMA

19 APRIL 1979
2305 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 9.4 | 392.0 | 967.5 | 19.4 | 17.2 | 150.0 | 5.7 | -2.9 | 4.9 | 295.3 | 328.9 | 12.9 | 87.7 | 0.0 | 0. |
| 0.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.5 | 10.9 | 542.3 | 950.0 | 18.1 | 17.4 | 165.3 | 9.3 | -2.4 | 9.0 | 295.5 | 330.4 | 13.4 | 95.3 | 0.4 | 322. |
| 1.3 | 13.2 | 778.2 | 925.0 | 16.9 | 16.0 | 172.0 | 10.6 | -1.5 | 10.5 | 296.6 | 331.1 | 13.2 | 99.2 | 0.8 | 360. |
| 2.2 | 15.5 | 1712.6 | 900.0 | 16.1 | 15.7 | 182.7 | 12.6 | 0.6 | 12.6 | 298.1 | 331.4 | 12.6 | 97.7 | 1.5 | 388. |
| 3.0 | 17.7 | 1252.3 | 875.0 | 14.3 | 14.0 | 184.9 | 13.3 | 1.1 | 13.2 | 298.7 | 329.4 | 11.6 | 97.7 | 2.1 | 353. |
| 3.8 | 20.1 | 1497.3 | 850.0 | 12.9 | 11.0 | 185.2 | 12.4 | 1.1 | 12.3 | 299.7 | 326.0 | 9.8 | 97.9 | 2.7 | 356. |
| 4.7 | 22.5 | 1710.4 | 825.0 | 13.1 | 5.1 | 190.1 | 11.7 | 2.0 | 11.5 | 302.5 | 321.2 | 6.7 | 58.4 | 3.4 | 358. |
| 5.7 | 24.9 | 2007.6 | 800.0 | 13.5 | 4.6 | 193.3 | 11.1 | 3.5 | 10.5 | 305.5 | 324.3 | 6.7 | 58.9 | 4.0 | 1. |
| 6.6 | 27.3 | 2274.7 | 775.0 | 11.9 | 3.7 | 200.5 | 12.2 | 4.3 | 11.5 | 306.7 | 325.0 | 6.5 | 55.8 | 4.6 | 3. |
| 7.5 | 29.7 | 2543.8 | 750.0 | 10.5 | 2.2 | 199.8 | 11.5 | 3.9 | 10.8 | 307.9 | 325.1 | 6.0 | 55.4 | 5.2 | 6. |
| 8.5 | 32.2 | 2430.5 | 725.0 | 8.7 | -1.3 | 200.0 | 10.6 | 3.6 | 10.0 | 309.0 | 323.0 | 4.8 | 49.5 | 5.9 | 7. |
| 9.5 | 34.9 | 3123.1 | 700.0 | 6.8 | -4.7 | 201.5 | 11.3 | 4.1 | 10.5 | 310.0 | 321.4 | 3.9 | 43.6 | 6.5 | 8. |
| 10.5 | 37.3 | 3617.9 | 675.0 | 4.4 | -7.4 | 198.7 | 12.0 | 3.8 | 11.4 | 310.6 | 320.4 | 3.3 | 41.8 | 7.2 | 10. |
| 11.6 | 40.9 | 3723.9 | 650.0 | 2.0 | -7.3 | 194.2 | 12.5 | 3.1 | 12.2 | 311.3 | 321.5 | 3.4 | 49.8 | 8.0 | 10. |
| 12.8 | 42.7 | 4173.5 | 625.0 | -0.0 | -12.0 | 195.2 | 13.5 | 3.5 | 13.0 | 312.4 | 320.2 | 2.6 | 42.3 | 9.9 | 11. |
| 13.5 | 45.3 | 4354.9 | 600.0 | -2.7 | -12.0 | 199.4 | 14.5 | 4.8 | 13.7 | 313.0 | 320.9 | 2.6 | 45.8 | 9.8 | 11. |
| 15.0 | 49.1 | 4701.0 | 575.0 | -4.9 | -25.7 | 207.7 | 14.4 | 6.7 | 12.8 | 314.2 | 316.9 | 0.8 | 17.8 | 10.8 | 12. |
| 16.1 | 51.9 | 5068.7 | 550.0 | -7.2 | -45.4 | 217.1 | 12.3 | 7.4 | 9.8 | 315.5 | 315.9 | 0.1 | 2.6 | 11.6 | 14. |
| 17.3 | 53.9 | 5409.7 | 525.0 | -9.2 | -55.7 | 218.8 | 13.7 | 8.6 | 10.7 | 317.4 | 317.5 | 0.0 | 1.0 | 12.4 | 16. |
| 18.6 | 56.9 | 5785.2 | 500.0 | -11.9 | -57.5 | 218.4 | 16.6 | 9.4 | 13.7 | 318.5 | 318.6 | 0.0 | 1.0 | 13.6 | 17. |
| 20.0 | 60.0 | 6175.6 | 475.0 | -14.9 | -53.5 | 213.7 | 7.9 | 11.9 | 11.9 | 319.5 | 319.7 | 0.1 | 2.1 | 14.9 | 19. |
| 21.4 | 63.1 | 6591.5 | 450.0 | -19.6 | -53.9 | 211.4 | 10.8 | 5.6 | 9.3 | 319.9 | 320.1 | 0.1 | 2.8 | 15.9 | 20. |
| 22.4 | 66.4 | 7036.3 | 425.0 | -20.8 | -48.3 | 201.5 | 7.2 | 2.7 | 6.7 | 322.4 | 322.4 | 0.1 | 6.9 | 16.7 | 20. |
| 24.5 | 69.7 | 7451.0 | 400.0 | -24.9 | -34.7 | 186.7 | 5.9 | 0.7 | 5.8 | 322.6 | 324.4 | 0.5 | 41.0 | 17.2 | 20. |
| 26.1 | 73.1 | 7918.0 | 375.0 | -27.2 | -30.6 | 201.4 | 9.5 | 3.5 | 8.8 | 325.6 | 328.3 | 0.8 | 72.9 | 17.9 | 20. |
| 27.7 | 76.7 | 8411.6 | 350.0 | -30.9 | -34.5 | 219.5 | 11.5 | 7.3 | 8.8 | 327.1 | 329.2 | 0.6 | 70.5 | 19.1 | 20. |
| 29.6 | 80.5 | 8932.4 | 325.0 | -35.7 | -40.1 | 228.6 | 16.4 | 12.3 | 10.9 | 327.5 | 328.8 | 0.3 | 63.0 | 20.3 | 22. |
| 31.4 | 84.4 | 9483.9 | 300.0 | -40.5 | 99.9 | 232.9 | 19.8 | 15.8 | 11.9 | 328.4 | 99.9 | 99.9 | 99.9 | 22.2 | 25. |
| 33.3 | 89.5 | 10070.3 | 275.0 | -45.7 | 99.9 | 227.2 | 19.4 | 14.2 | 13.2 | 329.0 | 99.9 | 99.9 | 99.9 | 24.1 | 27. |
| 35.4 | 92.8 | 10596.9 | 250.0 | -51.3 | 99.9 | 227.9 | 18.5 | 13.7 | 12.4 | 329.9 | 99.9 | 99.9 | 99.9 | 26.5 | 29. |
| 37.7 | 97.4 | 11373.4 | 225.0 | -56.5 | 99.9 | 234.2 | 17.2 | 14.0 | 10.1 | 331.9 | 99.9 | 99.9 | 99.9 | 28.7 | 31. |
| 40.2 | 102.2 | 12111.0 | 200.0 | -61.8 | 99.9 | 236.8 | 19.4 | 16.2 | 10.6 | 334.9 | 99.9 | 99.9 | 99.9 | 31.2 | 33. |
| 43.1 | 107.5 | 12936.0 | 175.0 | -62.3 | 99.9 | 238.2 | 22.2 | 18.1 | 13.0 | 347.1 | 99.9 | 99.9 | 99.9 | 34.6 | 35. |
| 46.6 | 113.1 | 13920.2 | 150.0 | -62.2 | 99.9 | 246.8 | 21.5 | 19.8 | 8.5 | 363.0 | 99.9 | 99.9 | 99.9 | 38.6 | 38. |
| 50.5 | 119.4 | 15019.4 | 125.0 | -61.6 | 99.9 | 263.0 | 24.0 | 23.9 | 2.7 | 383.5 | 99.9 | 99.9 | 99.9 | 43.4 | 42. |
| 55.3 | 126.3 | 16390.9 | 100.0 | -65.9 | 99.9 | 274.1 | 18.8 | 10.7 | -1.3 | 400.4 | 99.9 | 99.9 | 99.9 | 47.4 | 48. |
| 61.2 | 134.0 | 18127.5 | 75.0 | -67.2 | 99.9 | 309.5 | 13.8 | 10.7 | -0.8 | 431.9 | 99.9 | 99.9 | 99.9 | 51.4 | 53. |
| 69.3 | 142.3 | 20624.0 | 50.0 | -58.6 | 99.9 | 324.7 | 7.1 | 4.1 | -5.8 | 505.6 | 99.9 | 99.9 | 99.9 | 50.8 | 57. |
| 81.6 | 151.3 | 25379.1 | 25.0 | -50.2 | 99.9 | 275.2 | 13.5 | 13.5 | -1.2 | 640.9 | 99.9 | 99.9 | 99.9 | 52.1 | 60. |

BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 353
 OKLAHOMA CITY, OKLAHOMA

 20 APRIL 1979
 205 GUT

155 14. 0

| TIME MIN | CHYCT | WEIGHT GPM | PRES MM | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED 1/4 SEC | W COMP M/SEC | V COMP M/SEC | POT T DEG K | E POT T DEG K | MR RTO CM/KG | RM PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|------------------|-----------------|-----------------|----------------|------------------|-----------------|-----------|-------------|-----------|
| 0.0 | 9.7 | 392.0 | 966.5 | 17.2 | 16.1 | 130.0 | 4.1 | -3.1 | 2.6 | 293.2 | 324.3 | 12.0 | 93.0 | 0.0 | 0. |
| 00.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.5 | 11.3 | 519.0 | 950.0 | 17.8 | 17.7 | 99.9 | 99.9 | 99.9 | 99.9 | 295.3 | 328.7 | 12.0 | 93.5 | 99.9 | 99.9 |
| 1.3 | 13.6 | 769.0 | 925.0 | 17.7 | 17.7 | 99.9 | 99.9 | 99.9 | 99.9 | 297.4 | 330.0 | 12.0 | 89.2 | 99.9 | 99.9 |
| 2.2 | 16.0 | 1003.2 | 900.0 | 16.3 | 16.3 | 99.9 | 99.9 | 99.9 | 99.9 | 298.3 | 329.7 | 11.8 | 90.4 | 1.8 | 318. |
| 3.1 | 18.4 | 1243.9 | 875.0 | 16.7 | 17.1 | 99.9 | 8.2 | 1.3 | 8.1 | 301.2 | 329.2 | 10.4 | 75.3 | 2.3 | 348. |
| 4.1 | 20.9 | 1491.3 | 850.0 | 16.5 | 17.1 | 99.9 | 6.4 | 3.2 | 5.6 | 303.5 | 329.9 | 8.1 | 58.2 | 2.6 | 348. |
| 4.9 | 23.3 | 1745.5 | 825.0 | 15.7 | 17.1 | 99.9 | 7.5 | 5.3 | 5.4 | 305.2 | 323.4 | 6.4 | 47.3 | 2.8 | 354. |
| 5.3 | 25.8 | 2006.0 | 800.0 | 13.6 | 17.1 | 99.9 | 7.2 | 5.6 | 6.7 | 305.6 | 323.5 | 6.3 | 51.6 | 3.1 | 0. |
| 6.8 | 29.3 | 2272.5 | 775.0 | 11.0 | 17.1 | 99.9 | 8.4 | 4.0 | 6.8 | 305.6 | 323.9 | 6.5 | 60.9 | 3.4 | 5. |
| 7.7 | 32.9 | 2545.4 | 750.0 | 9.0 | 17.1 | 99.9 | 10.6 | 4.6 | 9.5 | 306.3 | 324.6 | 6.5 | 67.2 | 3.9 | 8. |
| 8.7 | 33.5 | 2925.6 | 725.0 | 7.0 | 17.1 | 99.9 | 10.5 | 4.5 | 9.4 | 307.2 | 323.1 | 5.9 | 63.5 | 4.5 | 10. |
| 9.8 | 36.7 | 3113.7 | 700.0 | 5.3 | 17.1 | 99.9 | 10.4 | 4.0 | 9.3 | 308.4 | 324.9 | 5.8 | 72.1 | 5.1 | 12. |
| 10.5 | 38.9 | 3410.2 | 675.0 | 3.1 | 17.1 | 99.9 | 9.0 | 3.5 | 8.3 | 309.1 | 326.2 | 5.9 | 83.0 | 5.8 | 13. |
| 11.9 | 41.6 | 3715.3 | 650.0 | 0.6 | 17.1 | 99.9 | 8.1 | 3.3 | 7.4 | 309.7 | 325.3 | 5.4 | 87.7 | 6.3 | 14. |
| 13.1 | 44.4 | 4029.4 | 625.0 | -1.6 | 17.1 | 99.9 | 7.2 | 2.5 | 6.7 | 310.6 | 320.2 | 3.2 | 59.0 | 6.8 | 15. |
| 14.3 | 47.3 | 4352.0 | 600.0 | -4.2 | 17.1 | 99.9 | 9.2 | 3.5 | 8.5 | 311.3 | 319.8 | 2.5 | 52.6 | 7.4 | 15. |
| 15.4 | 50.1 | 4687.3 | 575.0 | -6.3 | 17.1 | 99.9 | 11.6 | 5.9 | 10.0 | 312.6 | 318.3 | 1.8 | 43.5 | 8.1 | 16. |
| 16.4 | 53.1 | 5033.9 | 550.0 | -8.3 | 17.1 | 99.9 | 12.0 | 7.6 | 9.3 | 314.2 | 316.7 | 0.7 | 19.8 | 9.3 | 18. |
| 17.4 | 56.1 | 5393.7 | 525.0 | -10.3 | 17.1 | 99.9 | 14.8 | 10.1 | 10.8 | 316.1 | 322.6 | 2.1 | 61.6 | 9.7 | 20. |
| 19.1 | 59.3 | 5768.3 | 500.0 | -12.4 | 17.1 | 99.9 | 14.4 | 9.1 | 11.1 | 317.9 | 321.8 | 1.2 | 40.1 | 10.9 | 23. |
| 20.4 | 62.5 | 6158.1 | 475.0 | -15.4 | 17.1 | 99.9 | 11.5 | 5.8 | 10.0 | 318.9 | 322.4 | 1.1 | 43.9 | 11.9 | 24. |
| 21.4 | 65.8 | 6564.0 | 450.0 | -19.4 | 17.1 | 99.9 | 10.5 | 4.5 | 9.5 | 320.1 | 323.2 | 0.9 | 47.0 | 12.7 | 24. |
| 23.3 | 69.1 | 6988.0 | 425.0 | -21.5 | 17.1 | 99.9 | 12.3 | 6.4 | 9.0 | 321.4 | 325.3 | 1.2 | 73.7 | 13.7 | 24. |
| 24.4 | 72.4 | 7432.1 | 400.0 | -24.9 | 17.1 | 99.9 | 11.0 | 10.3 | 5.7 | 322.6 | 326.7 | 1.3 | 99.9 | 14.7 | 27. |
| 26.5 | 76.3 | 7998.6 | 375.0 | -29.2 | 17.1 | 99.9 | 12.6 | 10.9 | 6.4 | 324.3 | 327.1 | 0.8 | 82.8 | 15.7 | 29. |
| 28.3 | 80.0 | 8499.7 | 350.0 | -32.0 | 17.1 | 99.9 | 14.7 | 11.9 | 8.7 | 325.6 | 327.2 | 0.4 | 59.6 | 17.0 | 31. |
| 30.2 | 83.4 | 8999.1 | 325.0 | -36.1 | 17.1 | 99.9 | 15.4 | 12.6 | 10.4 | 327.0 | 328.0 | 0.3 | 51.7 | 18.6 | 33. |
| 32.3 | 87.8 | 9459.7 | 302.0 | -40.7 | 17.1 | 99.9 | 20.1 | 13.9 | 14.5 | 328.0 | 329.9 | 99.9 | 99.9 | 20.8 | 35. |
| 34.4 | 92.2 | 10045.7 | 275.0 | -46.0 | 17.1 | 99.9 | 22.0 | 14.6 | 17.6 | 328.6 | 329.9 | 99.9 | 99.9 | 21.5 | 36. |
| 36.6 | 96.6 | 10672.1 | 250.0 | -51.5 | 17.1 | 99.9 | 19.6 | 12.1 | 15.4 | 329.5 | 329.9 | 99.9 | 99.9 | 26.5 | 36. |
| 39.0 | 101.4 | 11348.6 | 225.0 | -56.5 | 17.1 | 99.9 | 17.0 | 10.7 | 13.2 | 332.0 | 329.9 | 99.9 | 99.9 | 28.8 | 36. |
| 41.6 | 106.4 | 12088.1 | 200.0 | -60.9 | 17.1 | 99.9 | 24.0 | 14.7 | 19.0 | 336.3 | 329.9 | 99.9 | 99.9 | 32.1 | 36. |
| 44.5 | 112.0 | 12909.2 | 175.0 | -63.2 | 17.1 | 99.9 | 26.4 | 20.1 | 17.0 | 343.7 | 329.9 | 99.9 | 99.9 | 34.6 | 37. |
| 48.3 | 119.8 | 13960.3 | 150.0 | -63.2 | 17.1 | 99.9 | 25.7 | 22.3 | 7.8 | 341.3 | 329.9 | 99.9 | 99.9 | 41.4 | 40. |
| 51.9 | 124.5 | 14979.6 | 125.0 | -63.4 | 17.1 | 99.9 | 27.5 | 19.8 | -1.8 | 380.3 | 329.9 | 99.9 | 99.9 | 45.1 | 44. |
| 55.9 | 131.7 | 16343.0 | 100.0 | -65.0 | 17.1 | 99.9 | 16.7 | 15.8 | -5.4 | 402.2 | 329.9 | 99.9 | 99.9 | 47.6 | 49. |
| 61.5 | 140.0 | 17091.6 | 75.0 | -63.7 | 17.1 | 99.9 | 7.3 | 5.5 | -4.8 | 439.3 | 329.9 | 99.9 | 99.9 | 49.5 | 53. |
| 69.5 | 149.3 | 20592.9 | 50.0 | -58.4 | 17.1 | 99.9 | 4.6 | 1.7 | -4.3 | 568.8 | 329.9 | 99.9 | 99.9 | 47.1 | 58. |
| 83.1 | 159.0 | 25023.1 | 25.0 | -48.4 | 17.1 | 99.9 | 290.3 | 8.9 | -3.1 | 645.5 | 329.9 | 99.9 | 99.9 | 49.4 | 60. |

 0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 0 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 353
OKLAHOMA CITY, OKLAHOMA

20 APRIL 1979
505 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT F DEG K | E POT T DEG K | WX RTO GM/KG | RM PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|-----------------|-----------|-------------|-----------|
| 0.0 | 9.6 | 392.0 | 966.8 | 13.3 | 17.1 | 150.0 | 6.2 | -3.1 | 5.4 | 299.3 | 327.7 | 12.9 | 93.0 | 0.0 | 0. |
| 00.0 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.0 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.6 | 11.3 | 542.9 | 950.9 | 18.0 | 17.1 | 172.9 | 15.9 | -2.0 | 15.8 | 295.5 | 329.5 | 13.1 | 94.7 | 0.4 | 335. |
| 1.4 | 13.6 | 772.0 | 925.0 | 17.3 | 16.4 | 173.5 | 18.5 | -2.1 | 18.4 | 297.0 | 330.6 | 12.8 | 94.4 | 1.3 | 347. |
| 2.3 | 16.2 | 1206.6 | 900.0 | 16.7 | 15.5 | 178.4 | 18.9 | -0.5 | 18.9 | 298.8 | 331.8 | 12.4 | 92.4 | 2.3 | 351. |
| 3.1 | 18.4 | 1247.1 | 875.0 | 15.6 | 12.9 | 183.0 | 15.5 | 0.8 | 15.5 | 300.0 | 328.8 | 10.8 | 84.0 | 3.1 | 353. |
| 4.0 | 20.9 | 1433.4 | 850.0 | 15.0 | 7.5 | 185.7 | 18.5 | 1.0 | 18.5 | 301.8 | 323.1 | 7.7 | 61.1 | 3.8 | 356. |
| 4.9 | 23.4 | 1745.8 | 825.0 | 13.5 | 5.3 | 183.9 | 8.6 | 0.7 | 9.6 | 302.8 | 321.8 | 6.8 | 57.9 | 4.3 | 357. |
| 5.7 | 25.0 | 2004.7 | 800.0 | 12.9 | 2.3 | 185.0 | 1.4 | 0.8 | 9.4 | 303.0 | 321.1 | 5.7 | 49.4 | 4.7 | 357. |
| 6.5 | 28.4 | 2271.1 | 775.0 | 11.4 | 1.0 | 195.3 | 4.0 | 2.3 | 8.6 | 306.1 | 321.3 | 5.3 | 44.8 | 5.2 | 358. |
| 7.3 | 31.0 | 2544.2 | 750.0 | 9.2 | -0.2 | 199.1 | 7.5 | 2.4 | 6.9 | 306.6 | 321.0 | 5.0 | 51.6 | 5.6 | 360. |
| 8.3 | 33.6 | 2724.6 | 725.0 | 7.1 | -0.7 | 204.3 | 6.5 | 2.7 | 6.0 | 307.3 | 321.8 | 5.0 | 57.3 | 5.9 | 361. |
| 9.3 | 36.2 | 3112.3 | 700.0 | 4.9 | -1.2 | 221.7 | 8.7 | 5.8 | 6.5 | 307.9 | 322.4 | 5.0 | 64.3 | 6.3 | 363. |
| 10.4 | 38.9 | 3407.9 | 675.0 | 2.3 | -3.4 | 241.9 | 10.8 | 9.5 | 5.1 | 308.3 | 321.2 | 4.4 | 65.0 | 6.7 | 364. |
| 11.4 | 41.7 | 3712.5 | 650.0 | 0.7 | -3.8 | 261.9 | 11.3 | 11.2 | 1.6 | 309.7 | 322.8 | 4.5 | 72.1 | 7.1 | 365. |
| 12.6 | 44.4 | 4026.5 | 625.0 | -1.8 | -6.4 | 270.0 | 9.5 | 9.5 | -0.0 | 310.4 | 321.7 | 3.8 | 70.8 | 7.3 | 366. |
| 13.7 | 47.3 | 4350.3 | 600.0 | -4.1 | -8.1 | 282.2 | 7.0 | 6.9 | 0.6 | 311.4 | 321.8 | 3.5 | 73.9 | 7.5 | 367. |
| 14.8 | 50.2 | 4653.0 | 575.0 | -5.7 | -6.4 | 262.7 | 7.2 | 7.2 | 0.9 | 313.3 | 324.0 | 3.5 | 81.4 | 7.7 | 368. |
| 15.0 | 53.1 | 5032.4 | 550.0 | -8.0 | -10.1 | 271.2 | 8.3 | 8.3 | -0.2 | 314.6 | 321.9 | 2.3 | 61.4 | 7.9 | 369. |
| 16.0 | 56.1 | 5392.7 | 525.0 | -10.1 | -16.9 | 269.4 | 8.8 | 8.8 | 0.1 | 316.3 | 322.4 | 1.9 | 57.7 | 8.2 | 370. |
| 17.0 | 59.4 | 5767.1 | 500.0 | -13.0 | -19.0 | 263.2 | 9.2 | 9.1 | 1.0 | 317.2 | 322.7 | 1.7 | 60.7 | 8.6 | 371. |
| 18.2 | 62.6 | 6156.5 | 475.0 | -15.3 | -30.6 | 262.4 | 9.2 | 9.1 | 1.2 | 319.0 | 321.3 | 0.7 | 27.8 | 9.0 | 372. |
| 19.4 | 65.9 | 6562.7 | 450.0 | -18.3 | -20.1 | 253.6 | 9.0 | 8.6 | 2.5 | 320.2 | 323.5 | 1.0 | 49.2 | 9.5 | 373. |
| 20.5 | 69.3 | 6946.6 | 425.0 | -21.8 | -25.6 | 241.5 | 9.7 | 8.5 | 4.6 | 321.1 | 324.8 | 1.1 | 71.0 | 10.2 | 374. |
| 21.9 | 72.7 | 7430.8 | 400.0 | -24.6 | -30.9 | 237.1 | 10.8 | 9.1 | 5.9 | 323.1 | 321.6 | 0.7 | 55.5 | 11.0 | 375. |
| 23.3 | 76.4 | 7997.0 | 375.0 | -28.8 | -39.4 | 233.5 | 12.6 | 10.1 | 7.5 | 323.5 | 326.3 | 0.8 | 83.9 | 12.2 | 376. |
| 25.0 | 79.4 | 8396.7 | 350.0 | -33.0 | -33.6 | 232.0 | 15.8 | 12.4 | 9.7 | 324.3 | 326.5 | 0.6 | 93.8 | 13.5 | 377. |
| 26.4 | 82.2 | 8804.4 | 325.0 | -35.9 | -40.9 | 226.0 | 19.1 | 13.7 | 13.2 | 325.8 | 327.0 | 0.3 | 65.9 | 15.5 | 378. |
| 28.5 | 84.1 | 9304.4 | 300.0 | -41.1 | -49.9 | 217.3 | 20.8 | 12.6 | 16.5 | 327.4 | 999.9 | 99.9 | 999.9 | 17.9 | 45. |
| 30.5 | 84.1 | 9853.7 | 275.0 | -46.0 | -49.9 | 212.2 | 22.4 | 12.0 | 19.0 | 328.7 | 999.9 | 99.9 | 999.9 | 20.4 | 46. |
| 32.5 | 87.1 | 10338.9 | 250.0 | -51.7 | -49.9 | 211.6 | 21.4 | 11.2 | 18.3 | 329.2 | 919.9 | 99.9 | 999.9 | 23.5 | 47. |
| 34.4 | 87.1 | 10664.0 | 225.0 | -55.3 | -49.9 | 215.9 | 25.2 | 14.8 | 20.4 | 333.8 | 99.9 | 99.9 | 999.9 | 26.8 | 48. |
| 37.3 | 101.9 | 11392.5 | 200.0 | -61.6 | -49.9 | 222.6 | 25.2 | 17.7 | 19.3 | 335.2 | 99.9 | 99.9 | 999.9 | 30.5 | 49. |
| 39.6 | 105.9 | 12083.8 | 175.0 | -66.1 | -49.9 | 234.7 | 25.2 | 23.6 | 14.6 | 340.9 | 999.9 | 99.9 | 999.9 | 34.6 | 50. |
| 42.3 | 112.3 | 12999.8 | 150.0 | -61.3 | -49.9 | 264.1 | 21.4 | 21.3 | 2.2 | 344.4 | 999.9 | 99.9 | 999.9 | 39.2 | 51. |
| 45.4 | 119.3 | 13853.0 | 125.0 | -65.2 | -49.9 | 271.9 | 14.1 | 14.1 | -0.5 | 342.3 | 909.9 | 99.9 | 999.9 | 42.2 | 52. |
| 47.8 | 124.4 | 14330.0 | 100.0 | -68.7 | -49.9 | 277.3 | 13.6 | 13.5 | -1.7 | 402.8 | 999.9 | 99.9 | 999.9 | 45.3 | 53. |
| 51.1 | 132.0 | 16317.0 | 75.0 | -69.3 | -49.9 | 301.0 | 7.5 | 4.4 | -3.9 | 440.9 | 999.9 | 99.9 | 999.9 | 47.4 | 54. |
| 54.4 | 140.0 | 18001.5 | 50.0 | -59.2 | -49.9 | 296.4 | 6.8 | 6.1 | -3.0 | 500.1 | 999.9 | 99.9 | 999.9 | 49.8 | 55. |
| 57.4 | 149.7 | 20586.3 | 25.0 | -50.7 | -49.9 | 328.2 | 5.5 | 2.9 | -0.7 | 439.8 | 999.9 | 99.9 | 999.9 | 50.8 | 56. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 3 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 353
 OKLAHOMA CITY, OKLAHOMA

 20 APRIL 1979
 805 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR D. | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX ATO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 00.0 | 99.6 | 302.0 | 966.5 | 18.9 | 17.2 | 180.0 | 8.2 | 0.0 | 8.2 | 294.9 | 328.6 | 12.9 | 90.0 | 0.0 | 0. |
| 00.0 | 99.7 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.0 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 01.5 | 11.2 | 549.4 | 950.0 | 15.3 | 17.0 | 183.9 | 15.3 | 1.0 | 15.2 | 295.7 | 329.6 | 13.0 | 92.4 | 0.4 | 3. |
| 1.3 | 13.5 | 769.1 | 925.0 | 16.5 | 15.4 | 185.2 | 17.2 | 1.5 | 17.1 | 296.2 | 329.9 | 12.1 | 93.3 | 1.2 | 4. |
| 2.2 | 15.9 | 1002.4 | 900.0 | 15.9 | 10.7 | 187.1 | 17.8 | 2.2 | 17.7 | 297.9 | 322.2 | 9.0 | 91.4 | 2.1 | 5. |
| 3.0 | 18.3 | 1242.8 | 875.0 | 16.8 | 6.3 | 189.2 | 16.1 | 2.6 | 15.9 | 301.2 | 320.6 | 6.9 | 49.2 | 3.9 | 7. |
| 3.9 | 20.9 | 1489.5 | 850.0 | 15.6 | 5.0 | 194.3 | 13.5 | 3.3 | 13.1 | 302.6 | 320.6 | 6.5 | 49.2 | 3.9 | 7. |
| 4.9 | 23.7 | 1742.5 | 825.0 | 14.5 | 4.3 | 195.2 | 11.3 | 3.0 | 10.9 | 303.9 | 321.7 | 6.4 | 50.5 | 4.5 | 8. |
| 5.9 | 25.9 | 2002.1 | 800.0 | 13.0 | 2.6 | 188.7 | 9.3 | 1.4 | 1.4 | 305.1 | 321.5 | 5.8 | 48.9 | 5.1 | 9. |
| 6.9 | 28.3 | 2268.7 | 775.0 | 11.6 | 0.7 | 198.7 | 8.4 | 2.7 | 7.9 | 306.5 | 321.5 | 5.2 | 46.3 | 5.6 | 9. |
| 7.7 | 30.9 | 2542.0 | 750.0 | 9.5 | -0.4 | 217.6 | 8.2 | 5.0 | 6.5 | 307.0 | 321.3 | 5.0 | 50.0 | 6.1 | 10. |
| 8.0 | 33.4 | 2822.4 | 725.0 | 7.1 | -1.4 | 233.8 | 7.8 | 6.3 | 4.6 | 307.3 | 321.1 | 4.8 | 54.8 | 6.5 | 13. |
| 10.0 | 36.2 | 3110.2 | 700.0 | 5.1 | -2.6 | 266.9 | 7.2 | 7.2 | 0.4 | 308.1 | 321.3 | 4.5 | 57.6 | 6.9 | 16. |
| 11.1 | 39.0 | 3403.9 | 675.0 | 2.7 | -5.3 | 318.1 | 7.9 | 5.3 | -5.9 | 308.7 | 319.9 | 3.8 | 55.3 | 6.7 | 20. |
| 12.1 | 41.9 | 3710.0 | 650.0 | -0.1 | -7.5 | 313.5 | 8.7 | 6.3 | -6.0 | 308.8 | 318.8 | 3.4 | 57.6 | 6.5 | 23. |
| 13.2 | 44.6 | 4022.7 | 625.0 | -2.9 | -7.8 | 307.7 | 8.9 | 7.1 | -5.5 | 309.1 | 319.2 | 3.4 | 49.0 | 6.4 | 29. |
| 14.4 | 47.4 | 4348.7 | 600.0 | -5.8 | -9.9 | 310.4 | 7.5 | 5.7 | -4.8 | 309.4 | 318.5 | 3.0 | 72.7 | 6.3 | 36. |
| 15.4 | 50.4 | 4676.9 | 575.0 | -8.0 | -10.8 | 310.6 | 5.3 | 4.0 | -3.5 | 310.6 | 318.5 | 2.9 | 80.4 | 6.2 | 39. |
| 16.7 | 53.4 | 5021.5 | 550.0 | -10.1 | -11.2 | 314.3 | 3.1 | 2.2 | -2.2 | 312.2 | 321.1 | 3.0 | 91.4 | 6.2 | 41. |
| 18.3 | 56.4 | 5379.9 | 525.0 | -10.7 | -22.4 | 270.1 | 3.2 | 3.2 | -0.0 | 315.5 | 319.7 | 1.3 | 40.5 | 6.2 | 42. |
| 19.3 | 59.4 | 5754.1 | 500.0 | -12.6 | -57.9 | 262.0 | 4.2 | 4.1 | 0.6 | 317.6 | 317.8 | 0.0 | 1.0 | 6.5 | 44. |
| 20.3 | 67.9 | 6142.9 | 475.0 | -15.9 | -42.0 | 237.1 | 5.2 | 4.4 | 2.8 | 318.3 | 319.0 | 0.2 | 8.5 | 6.8 | 46. |
| 22.3 | 66.1 | 6548.3 | 450.0 | -19.8 | -50.7 | 229.7 | 6.5 | 5.0 | 4.2 | 319.6 | 319.9 | 0.1 | 4.8 | 7.3 | 46. |
| 23.7 | 69.6 | 6971.1 | 425.0 | -22.4 | -40.6 | 255.6 | 9.5 | 9.2 | 2.4 | 320.3 | 321.2 | 0.3 | 17.2 | 8.0 | 47. |
| 25.4 | 73.1 | 7413.4 | 400.0 | -25.9 | -33.5 | 255.8 | 10.3 | 10.0 | 2.5 | 321.3 | 323.3 | 0.6 | 48.7 | 8.8 | 51. |
| 27.1 | 76.8 | 7878.0 | 375.0 | -29.4 | -33.4 | 234.9 | 11.8 | 9.7 | 6.8 | 322.7 | 324.8 | 0.6 | 68.2 | 9.9 | 52. |
| 28.9 | 80.7 | 8368.6 | 350.0 | -33.5 | -38.4 | 235.0 | 13.4 | 10.9 | 7.7 | 323.6 | 325.0 | 0.4 | 61.1 | 11.3 | 53. |
| 30.4 | 84.6 | 8832.7 | 325.0 | -37.4 | -45.2 | 231.8 | 14.6 | 11.4 | 9.0 | 325.1 | 325.9 | 0.2 | 43.7 | 12.7 | 53. |
| 32.4 | 89.7 | 9429.7 | 300.0 | -42.3 | 9.9 | 223.6 | 16.7 | 11.5 | 12.1 | 325.7 | 999.9 | 99.9 | 99.9 | 14.4 | 52. |
| 34.5 | 93.9 | 10011.4 | 275.0 | -46.7 | 99.9 | 211.3 | 21.8 | 11.3 | 18.6 | 327.6 | 999.9 | 99.9 | 99.9 | 16.7 | 50. |
| 36.7 | 97.7 | 10636.3 | 250.0 | -52.2 | 99.9 | 216.8 | 23.7 | 14.2 | 18.9 | 328.4 | 999.9 | 97.9 | 99.9 | 19.6 | 47. |
| 39.2 | 102.6 | 11310.7 | 225.0 | -56.7 | 99.9 | 225.4 | 31.1 | 22.1 | 21.8 | 331.6 | 999.9 | 99.9 | 99.9 | 23.4 | 47. |
| 41.8 | 107.8 | 12048.0 | 200.0 | -62.8 | 99.9 | 226.7 | 36.4 | 26.5 | 25.0 | 333.3 | 999.9 | 99.9 | 99.9 | 29.1 | 47. |
| 44.4 | 113.7 | 12542.8 | 175.0 | -64.9 | 99.9 | 236.2 | 29.3 | 24.3 | 16.2 | 342.9 | 999.9 | 99.9 | 99.9 | 34.9 | 47. |
| 48.4 | 119.5 | 13918.4 | 150.0 | -59.6 | 99.9 | 260.2 | 18.6 | 16.3 | 3.2 | 367.4 | 999.9 | 99.9 | 99.9 | 39.8 | 50. |
| 52.6 | 126.0 | 14952.3 | 125.0 | -60.3 | 99.9 | 256.8 | 12.7 | 12.7 | 2.9 | 385.8 | 999.9 | 99.9 | 99.9 | 43.0 | 52. |
| 57.5 | 133.0 | 16324.3 | 100.0 | -61.6 | 99.9 | 265.6 | 13.6 | 13.5 | 1.0 | 400.9 | 999.9 | 99.9 | 99.9 | 46.5 | 52. |
| 64.0 | 140.8 | 18058.9 | 75.0 | -67.3 | 99.9 | 298.9 | 8.9 | 7.8 | -4.3 | 431.9 | 999.9 | 99.9 | 99.9 | 49.0 | 58. |
| 74.0 | 149.0 | 20533.0 | 50.0 | -60.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 501.4 | 999.9 | 99.9 | 99.9 | 49.6 | 63. |
| 99.0 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY TEMP MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 353
OKLAHOMA CITY, OKLAHOMA

20 APRIL 1979
1100 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO CM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 9.9 | 392.0 | 957.2 | 1.7 | 15.6 | 170.0 | 4.1 | -0.7 | 4.0 | 292.6 | 322.7 | 11.6 | 93.0 | 0.0 | 0. |
| 99.2 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.7 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.5 | 11.4 | 545.9 | 950.0 | 16.9 | 16.2 | 185.5 | 12.1 | 1.2 | 12.0 | 294.4 | 326.3 | 12.3 | 95.3 | 0.2 | 356. |
| 1.4 | 13.9 | 774.2 | 925.0 | 19.4 | 12.1 | 196.9 | 15.6 | 4.5 | 15.0 | 299.1 | 325.3 | 9.7 | 64.3 | 0.9 | 8. |
| 2.3 | 16.3 | 1010.0 | 900.0 | 18.3 | 9.2 | 200.2 | 16.4 | 5.7 | 15.4 | 300.4 | 321.3 | 7.6 | 51.7 | 1.8 | 14. |
| 3.2 | 19.7 | 1250.9 | 875.0 | 16.6 | 7.2 | 201.0 | 14.3 | 5.1 | 13.4 | 301.0 | 321.7 | 7.3 | 53.7 | 2.6 | 16. |
| 4.1 | 21.2 | 1497.5 | 850.0 | 15.3 | 4.7 | 196.3 | 11.9 | 3.4 | 11.4 | 302.2 | 319.7 | 6.3 | 49.1 | 3.3 | 17. |
| 4.4 | 23.9 | 1750.0 | 825.0 | 14.1 | 2.2 | 192.5 | 10.4 | 2.2 | 10.2 | 303.5 | 318.9 | 5.4 | 44.5 | 3.9 | 16. |
| 5.2 | 26.4 | 2099.2 | 800.0 | 12.7 | 2.3 | 205.4 | 8.4 | 3.6 | 7.6 | 304.7 | 320.9 | 5.7 | 49.1 | 4.4 | 16. |
| 6.7 | 29.0 | 2275.2 | 775.0 | 11.3 | 0.7 | 217.7 | 6.8 | 4.2 | 5.4 | 305.9 | 320.9 | 5.2 | 48.1 | 4.8 | 18. |
| 7.7 | 31.7 | 2548.3 | 750.0 | 9.0 | -0.3 | 232.8 | 5.8 | 4.6 | 3.5 | 306.3 | 320.8 | 5.0 | 52.3 | 5.1 | 19. |
| 8.9 | 34.4 | 2928.0 | 725.0 | 6.5 | -0.9 | 253.0 | 5.2 | 5.0 | 1.5 | 306.6 | 320.9 | 5.0 | 59.4 | 5.4 | 22. |
| 9.3 | 37.2 | 3115.1 | 700.0 | 4.0 | 1.3 | 274.2 | 5.7 | 5.7 | -0.4 | 306.9 | 324.1 | 6.1 | 63.0 | 5.5 | 25. |
| 10.7 | 40.0 | 3410.1 | 675.0 | 1.7 | -1.8 | 299.5 | 6.1 | 5.3 | -3.0 | 307.6 | 322.0 | 5.0 | 77.4 | 5.6 | 28. |
| 11.4 | 42.9 | 3713.9 | 650.0 | -0.3 | -6.1 | 304.3 | 5.7 | 4.7 | -3.2 | 308.7 | 319.7 | 3.7 | 64.8 | 5.5 | 32. |
| 12.4 | 45.9 | 4026.2 | 625.0 | -3.2 | -9.1 | 303.3 | 5.3 | 4.4 | -2.9 | 308.8 | 318.0 | 3.1 | 63.3 | 5.6 | 36. |
| 13.2 | 48.6 | 4347.8 | 600.0 | -6.1 | -9.5 | 304.1 | 4.3 | 3.5 | -2.4 | 309.0 | 318.3 | 3.1 | 75.8 | 5.5 | 39. |
| 14.2 | 51.7 | 4680.2 | 575.0 | -7.6 | -10.8 | 285.8 | 2.0 | 2.0 | 0.1 | 311.1 | 320.0 | 2.9 | 79.1 | 5.6 | 41. |
| 15.1 | 54.4 | 5025.2 | 550.0 | -10.1 | -13.0 | 197.2 | 2.6 | 0.8 | 2.5 | 312.1 | 320.0 | 2.6 | 79.2 | 5.7 | 41. |
| 16.1 | 57.9 | 5392.9 | 525.0 | -11.9 | -15.9 | 178.4 | 3.8 | -0.1 | 3.8 | 314.2 | 320.7 | 2.1 | 71.5 | 5.9 | 40. |
| 17.3 | 61.1 | 5755.5 | 500.0 | -13.5 | -25.2 | 186.3 | 3.2 | 0.4 | 3.2 | 316.6 | 319.9 | 1.0 | 36.4 | 6.1 | 38. |
| 18.3 | 64.5 | 6144.0 | 475.0 | -15.1 | -35.0 | 220.6 | 3.1 | 2.0 | 2.4 | 318.0 | 319.4 | 0.4 | 19.3 | 6.4 | 37. |
| 21.4 | 67.9 | 6548.8 | 450.0 | -17.0 | -37.8 | 252.0 | 3.6 | 3.4 | 1.1 | 319.3 | 320.5 | 0.3 | 17.4 | 6.6 | 36. |
| 22.2 | 71.4 | 6971.4 | 425.0 | -22.5 | -47.6 | 269.0 | 5.7 | 5.7 | 0.1 | 320.2 | 320.6 | 0.1 | 8.4 | 6.8 | 40. |
| 24.4 | 75.0 | 7413.1 | 400.0 | -25.5 | -44.6 | 269.4 | 9.7 | 9.7 | 0.3 | 320.6 | 321.3 | 0.2 | 16.0 | 7.3 | 44. |
| 26.1 | 78.7 | 7476.1 | 375.0 | -30.5 | -41.2 | 267.7 | 13.1 | 13.0 | 0.5 | 321.7 | 322.2 | 0.3 | 34.2 | 8.2 | 50. |
| 27.9 | 82.6 | 8162.2 | 350.0 | -34.5 | -42.5 | 257.9 | 12.7 | 12.5 | 6.2 | 322.2 | 323.2 | 0.3 | 44.6 | 9.5 | 55. |
| 30.2 | 86.7 | 9976.8 | 325.0 | -37.7 | -49.8 | 140.4 | 12.5 | 10.8 | 9.9 | 324.7 | 325.1 | 0.1 | 27.1 | 11.0 | 57. |
| 32.2 | 90.9 | 7473.7 | 300.0 | -41.9 | 99.9 | 228.8 | 14.6 | 9.9 | 10.7 | 326.4 | 999.9 | 99.9 | 999.9 | 12.7 | 56. |
| 34.3 | 95.2 | 10077.8 | 275.0 | -46.1 | 99.9 | 208.6 | 18.3 | 8.8 | 16.1 | 328.4 | 999.9 | 99.9 | 999.9 | 14.6 | 53. |
| 36.3 | 99.4 | 10633.4 | 250.0 | -51.9 | 99.9 | 205.9 | 19.8 | 8.6 | 17.8 | 328.9 | 999.9 | 99.9 | 999.9 | 16.7 | 50. |
| 38.7 | 104.9 | 11376.4 | 225.0 | -57.6 | 99.9 | 214.9 | 22.9 | 13.1 | 18.8 | 330.2 | 999.9 | 99.9 | 999.9 | 19.5 | 46. |
| 41.2 | 110.0 | 12041.8 | 200.0 | -61.8 | 99.9 | 227.6 | 33.4 | 24.7 | 22.6 | 334.9 | 999.9 | 99.9 | 999.9 | 23.2 | 46. |
| 43.2 | 115.8 | 12950.8 | 175.0 | -64.4 | 99.9 | 241.1 | 29.4 | 25.8 | 14.2 | 343.7 | 999.9 | 99.9 | 999.9 | 29.3 | 47. |
| 47.9 | 122.0 | 13916.8 | 150.0 | -59.5 | 99.9 | 257.6 | 17.6 | 17.2 | 3.8 | 367.6 | 999.9 | 99.9 | 999.9 | 34.2 | 51. |
| 51.3 | 128.9 | 14951.6 | 125.0 | -63.1 | 99.9 | 249.4 | 11.7 | 11.0 | 4.1 | 380.7 | 999.9 | 99.9 | 999.9 | 37.1 | 53. |
| 57.3 | 136.7 | 16318.3 | 100.0 | -65.1 | 99.9 | 276.2 | 14.1 | 14.0 | -1.5 | 402.0 | 999.9 | 99.9 | 999.9 | 41.0 | 53. |
| 63.3 | 145.3 | 14065.1 | 75.0 | -65.1 | 99.9 | 302.0 | 9.3 | 7.9 | -4.9 | 436.4 | 999.9 | 99.9 | 999.9 | 43.5 | 50. |
| 71.2 | 155.5 | 20546.7 | 50.0 | -60.6 | 99.9 | 341.4 | 6.4 | 2.0 | -0.1 | 500.8 | 999.9 | 99.9 | 999.9 | 44.2 | 64. |
| 85.5 | 166.3 | 24992.2 | 25.0 | -49.5 | 99.9 | 213.8 | 4.4 | 2.4 | 3.6 | 642.5 | 999.9 | 99.9 | 999.9 | 44.0 | 69. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 363
 AMARILLO, TEXAS

 19 APRIL 1979
 1100 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP D: C | DEW PT D: C | DIR DG | SPEED M/SEC | J COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | WIND GM/KG | RM PCT | 148 M | 14.8 KM | 0 |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|---------------|-----------|----------|------------|------|
| 0.0 | 17.4 | 1094.0 | 888.0 | 17.2 | 15.5 | 190.0 | 8.8 | 1.5 | 8.7 | 300.4 | 334.1 | 12.6 | 90.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 875.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 850.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 825.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 800.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 775.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 750.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 725.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 700.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 675.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 650.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 625.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 600.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 575.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 550.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 525.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 500.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 475.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 450.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 425.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 400.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 375.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 350.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 325.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 300.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 275.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 250.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 225.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 200.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 175.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 150.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 125.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 0.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

 * BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 * BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 363
AMARILLO, TEXAS

19 APRIL 1979
1400 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | J COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GR/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 16.7 | 1094.0 | 888.8 | 18.3 | 15.6 | 170.0 | 5.1 | -0.9 | 5.0 | 301.5 | 335.3 | 12.0 | 84.0 | 0.0 | 0. |
| 0.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 9.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 1228.5 | 875.0 | 17.0 | 15.9 | 175.1 | 13.3 | -1.1 | 13.3 | 301.4 | 336.6 | 13.1 | 93.4 | 0.3 | 350. |
| 0.4 | 19.1 | 1476.0 | 850.0 | 15.0 | 14.1 | 184.5 | 15.1 | 1.2 | 15.0 | 301.8 | 334.2 | 12.0 | 94.4 | 1.1 | 355. |
| 1.4 | 20.5 | 1728.9 | 825.0 | 13.4 | 12.3 | 198.2 | 16.0 | 5.0 | 15.2 | 302.7 | 332.6 | 11.0 | 93.2 | 2.0 | 3. |
| 2.4 | 22.9 | 1988.3 | 800.0 | 12.5 | 9.3 | 210.8 | 14.8 | 7.6 | 12.7 | 304.5 | 330.0 | 9.2 | 80.5 | 3.0 | 12. |
| 3.4 | 25.4 | 2256.0 | 775.0 | 14.1 | 5.5 | 213.6 | 13.4 | 7.4 | 11.1 | 309.0 | 329.9 | 7.3 | 56.0 | 3.8 | 16. |
| 4.5 | 27.8 | 2532.1 | 750.0 | 12.3 | -2.0 | 207.0 | 12.1 | 5.5 | 10.8 | 310.0 | 322.2 | 4.2 | 34.6 | 4.6 | 19. |
| 5.6 | 30.4 | 2815.1 | 725.0 | 10.0 | -4.6 | 202.8 | 13.6 | 5.3 | 12.5 | 310.5 | 321.6 | 3.7 | 35.2 | 5.4 | 20. |
| 6.4 | 32.9 | 3103.2 | 700.0 | 7.1 | -8.1 | 206.0 | 11.1 | 4.9 | 10.0 | 310.4 | 319.4 | 3.0 | 33.0 | 6.3 | 20. |
| 7.8 | 35.6 | 3402.7 | 675.0 | 4.6 | -14.6 | 211.3 | 8.8 | 4.6 | 7.5 | 310.6 | 316.4 | 1.8 | 23.2 | 6.9 | 21. |
| 8.9 | 38.1 | 3708.7 | 650.0 | 2.0 | -14.8 | 211.1 | 10.6 | 5.5 | 9.1 | 311.2 | 317.0 | 1.9 | 27.7 | 7.5 | 22. |
| 10.1 | 40.9 | 4023.5 | 625.0 | -1.1 | -9.4 | 217.0 | 10.6 | 6.4 | 8.4 | 311.2 | 320.3 | 3.0 | 53.1 | 8.1 | 23. |
| 11.7 | 43.6 | 4347.6 | 600.0 | -4.3 | -10.6 | 230.1 | 10.9 | 8.4 | 7.0 | 311.2 | 319.8 | 2.8 | 61.5 | 8.7 | 24. |
| 12.1 | 46.4 | 4631.5 | 575.0 | -7.1 | -12.5 | 240.7 | 11.1 | 9.7 | 5.4 | 311.7 | 319.5 | 2.5 | 64.9 | 9.3 | 26. |
| 13.1 | 49.3 | 5026.7 | 550.0 | -10.0 | -16.3 | 241.8 | 10.1 | 8.9 | 4.8 | 312.3 | 318.3 | 1.9 | 59.5 | 10.0 | 29. |
| 14.1 | 52.1 | 5393.8 | 525.0 | -12.1 | -17.6 | 226.2 | 11.5 | 8.4 | 7.9 | 313.9 | 314.0 | 0.0 | 1.0 | 10.7 | 31. |
| 15.7 | 55.3 | 5746.1 | 500.0 | -14.0 | -18.8 | 219.6 | 13.0 | 8.3 | 10.0 | 316.0 | 316.1 | 0.0 | 1.0 | 11.9 | 32. |
| 17.2 | 58.3 | 6148.3 | 475.0 | -16.0 | -20.0 | 221.4 | 15.4 | 10.2 | 11.5 | 318.2 | 318.3 | 0.0 | 1.0 | 13.2 | 33. |
| 18.5 | 61.4 | 6519.7 | 450.0 | -18.3 | -21.6 | 227.6 | 17.9 | 13.2 | 12.1 | 320.2 | 320.3 | 0.0 | 1.0 | 14.6 | 34. |
| 20.1 | 64.7 | 6973.8 | 425.0 | -21.1 | -23.4 | 227.5 | 17.8 | 13.5 | 11.6 | 321.9 | 322.0 | 0.0 | 1.0 | 16.0 | 35. |
| 21.4 | 68.0 | 7418.6 | 400.0 | -24.4 | -25.3 | 232.9 | 19.6 | 15.6 | 11.8 | 323.3 | 323.3 | 0.0 | 1.0 | 17.3 | 37. |
| 22.9 | 71.4 | 7894.6 | 375.0 | -28.8 | -28.4 | 234.7 | 19.8 | 16.2 | 11.5 | 323.4 | 323.5 | 0.0 | 1.0 | 19.0 | 38. |
| 24.3 | 75.0 | 8373.6 | 350.0 | -33.2 | -33.2 | 237.1 | 19.4 | 16.2 | 10.5 | 324.0 | 324.0 | 0.0 | 1.0 | 21.1 | 40. |
| 26.1 | 78.8 | 8911.2 | 325.0 | -36.3 | -36.3 | 237.2 | 17.2 | 14.5 | 9.3 | 326.7 | 326.7 | 0.0 | 1.0 | 23.1 | 42. |
| 28.1 | 82.7 | 9441.3 | 300.0 | -40.8 | -40.8 | 242.1 | 18.0 | 15.9 | 8.4 | 327.8 | 327.8 | 99.9 | 99.9 | 25.1 | 43. |
| 30.1 | 86.7 | 10027.1 | 275.0 | -45.5 | -45.5 | 247.3 | 19.6 | 18.1 | 7.6 | 329.3 | 329.3 | 99.9 | 99.9 | 27.1 | 45. |
| 32.9 | 91.0 | 10655.1 | 250.0 | -51.0 | -51.0 | 247.9 | 20.7 | 19.1 | 7.8 | 330.3 | 330.3 | 99.9 | 99.9 | 29.3 | 46. |
| 34.7 | 95.4 | 11331.1 | 225.0 | -56.7 | -56.7 | 245.4 | 22.4 | 20.4 | 9.3 | 331.7 | 331.7 | 99.9 | 99.9 | 31.8 | 48. |
| 36.1 | 102.2 | 12069.9 | 200.0 | -61.7 | -61.7 | 242.3 | 22.4 | 19.8 | 10.4 | 335.1 | 335.1 | 99.9 | 99.9 | 35.0 | 50. |
| 38.4 | 105.3 | 12793.8 | 175.0 | -62.7 | -62.7 | 245.2 | 24.1 | 21.9 | 10.1 | 346.5 | 346.5 | 99.9 | 99.9 | 38.9 | 51. |
| 41.4 | 111.0 | 13497.3 | 150.0 | -59.1 | -59.1 | 246.6 | 20.1 | 18.4 | 8.0 | 370.0 | 370.0 | 99.9 | 99.9 | 43.0 | 53. |
| 44.5 | 116.8 | 14277.3 | 125.0 | -60.4 | -60.4 | 236.1 | 17.3 | 14.3 | 9.6 | 385.7 | 385.7 | 99.9 | 99.9 | 46.8 | 53. |
| 48.1 | 123.5 | 14998.5 | 100.0 | -64.9 | -64.9 | 236.6 | 20.0 | 20.0 | 1.2 | 402.4 | 402.4 | 99.9 | 99.9 | 51.2 | 55. |
| 52.6 | 131.0 | 16377.5 | 75.0 | -62.0 | -62.0 | 244.3 | 11.2 | 10.8 | -2.8 | 443.0 | 443.0 | 99.9 | 99.9 | 55.0 | 58. |
| 57.7 | 139.3 | 18128.9 | 50.0 | -58.4 | -58.4 | 244.6 | 5.6 | 5.1 | -2.3 | 505.9 | 505.9 | 99.9 | 99.9 | 58.0 | 61. |
| 64.5 | 148.7 | 20643.8 | 25.0 | -49.1 | -49.1 | 308.6 | 3.7 | 2.9 | -2.3 | 643.8 | 643.8 | 99.9 | 99.9 | 58.9 | 63. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 363
AMARILLO, TEXAS19 APRIL 1979
1700 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP C | DEW PT C | DIR DG | SPEED M/SEC | J COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | WX RTO GN/KG | 3H PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|-----------|-------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|-----------|
| 00 | 15.6 | 1024.0 | 885.6 | 21.7 | 15.8 | 180.0 | 9.8 | 0.0 | 9.8 | 305.0 | 339.9 | 12.8 | 69.0 | 0.0 | 0 |
| 01 | 07.9 | 99.9 | 1000.0 | 91.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 02 | 07.3 | 99.9 | 975.0 | 79.9 | 39.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 03 | 09.0 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 04 | 09.0 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 05 | 07.7 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 06 | 16.9 | 1227.8 | 875.0 | 19.6 | 15.4 | 183.5 | 11.3 | 0.7 | 11.2 | 308.2 | 339.7 | 12.7 | 75.7 | 0.5 | 5 |
| 07 | 19.2 | 1477.3 | 850.0 | 17.4 | 14.6 | 196.9 | 10.7 | 3.1 | 10.2 | 308.4 | 339.2 | 12.5 | 83.7 | 1.1 | 7 |
| 08 | 21.6 | 1712.6 | 825.0 | 16.2 | 12.0 | 204.3 | 9.5 | 3.9 | 8.7 | 305.7 | 335.4 | 10.8 | 76.6 | 1.6 | 13 |
| 09 | 26.1 | 1996.2 | 800.0 | 14.4 | 10.1 | 208.5 | 8.6 | 4.1 | 7.6 | 306.5 | 333.7 | 9.8 | 75.3 | 2.1 | 16 |
| 10 | 25.6 | 2252.2 | 775.0 | 12.2 | 9.5 | 203.5 | 8.0 | 3.2 | 7.4 | 307.0 | 333.6 | 9.7 | 82.4 | 2.9 | 18 |
| 11 | 27.1 | 2516.8 | 750.0 | 10.6 | 7.7 | 190.8 | 9.8 | 1.9 | 9.6 | 303.1 | 332.9 | 9.9 | 82.4 | 2.9 | 18 |
| 12 | 31.5 | 2419.2 | 725.0 | 9.1 | 2.7 | 192.0 | 10.8 | 0.4 | 10.8 | 302.5 | 328.0 | 5.5 | 64.4 | 3.5 | 16 |
| 13 | 36.2 | 3109.0 | 700.0 | 7.2 | -3.5 | 176.8 | 11.1 | -0.6 | 11.1 | 310.5 | 322.9 | 4.2 | 45.3 | 4.1 | 13 |
| 14 | 36.9 | 3407.2 | 675.0 | 4.8 | -4.3 | 176.8 | 12.0 | -0.3 | 11.9 | 311.1 | 323.3 | 4.1 | 51.4 | 4.9 | 10 |
| 15 | 39.5 | 3713.9 | 650.0 | 2.2 | -4.0 | 192.5 | 11.8 | 0.5 | 11.8 | 311.5 | 324.5 | 4.4 | 63.7 | 5.3 | 9 |
| 16 | 42.3 | 4029.3 | 625.0 | -0.7 | -5.9 | 169.2 | 11.2 | 1.8 | 11.1 | 311.6 | 323.4 | 3.9 | 68.0 | 6.5 | 8 |
| 17 | 45.1 | 4353.9 | 600.0 | -3.6 | -6.9 | 204.1 | 10.8 | 4.4 | 9.9 | 311.9 | 323.3 | 3.8 | 77.8 | 7.3 | 9 |
| 18 | 49.3 | 4699.2 | 575.0 | -6.0 | -9.5 | 222.5 | 12.4 | 8.3 | 9.1 | 313.0 | 323.5 | 3.5 | 85.2 | 8.1 | 12 |
| 19 | 51.0 | 5036.5 | 550.0 | -7.9 | -13.3 | 229.2 | 13.9 | 10.5 | 9.1 | 314.7 | 322.4 | 2.5 | 65.0 | 4.8 | 15 |
| 20 | 54.1 | 5376.1 | 525.0 | -11.1 | -17.7 | 225.6 | 16.3 | 11.7 | 11.4 | 315.1 | 320.8 | 1.8 | 53.3 | 9.5 | 18 |
| 21 | 57.0 | 5749.4 | 500.0 | -13.0 | -35.6 | 222.2 | 18.2 | 17.3 | 13.5 | 317.2 | 318.5 | 0.4 | 12.8 | 10.6 | 22 |
| 22 | 47.3 | 6158.5 | 475.0 | -15.7 | -26.3 | 222.6 | 19.7 | 13.4 | 14.5 | 318.6 | 321.3 | 0.9 | 39.9 | 11.9 | 23 |
| 23 | 63.5 | 6565.0 | 450.0 | -17.9 | -48.9 | 228.0 | 19.4 | 14.4 | 13.0 | 320.7 | 321.4 | 0.2 | 9.3 | 13.2 | 25 |
| 24 | 66.9 | 6987.7 | 425.0 | -21.0 | -63.3 | 229.5 | 19.6 | 14.9 | 12.7 | 322.0 | 322.1 | 0.0 | 1.0 | 14.6 | 29 |
| 25 | 70.3 | 7435.0 | 400.0 | -24.1 | -65.3 | 229.1 | 20.4 | 15.4 | 13.3 | 323.7 | 323.7 | 0.0 | 1.0 | 15.3 | 30 |
| 26 | 73.9 | 7902.5 | 375.0 | -27.9 | -62.4 | 231.5 | 19.6 | 15.3 | 12.2 | 324.7 | 324.8 | 0.0 | 2.1 | 16.1 | 32 |
| 27 | 77.7 | 8333.9 | 350.0 | -31.8 | -40.1 | 237.4 | 21.7 | 16.1 | 14.6 | 325.8 | 326.0 | 0.0 | 4.3 | 20.3 | 36 |
| 28 | 81.5 | 8813.4 | 325.0 | -35.6 | -54.1 | 220.4 | 23.6 | 15.3 | 18.0 | 327.2 | 328.0 | 0.1 | 12.8 | 22.8 | 35 |
| 29 | 85.7 | 9405.7 | 300.0 | -39.9 | -99.9 | 220.1 | 21.8 | 14.1 | 16.7 | 329.2 | 329.9 | 99.9 | 99.9 | 25.3 | 36 |
| 30 | 89.3 | 10053.4 | 275.0 | -45.3 | 99.9 | 223.3 | 21.5 | 14.7 | 15.6 | 329.6 | 329.9 | 99.9 | 99.9 | 27.7 | 36 |
| 31 | 94.5 | 10932.2 | 250.0 | -50.5 | 99.9 | 225.4 | 23.3 | 16.6 | 16.4 | 330.9 | 329.9 | 99.9 | 99.9 | 30.4 | 37 |
| 32 | 99.4 | 11359.9 | 225.0 | -56.6 | 99.9 | 228.2 | 27.1 | 20.2 | 18.1 | 331.8 | 329.9 | 99.9 | 99.9 | 33.6 | 38 |
| 33 | 104.6 | 12097.5 | 200.0 | -52.1 | 99.9 | 229.6 | 27.5 | 20.9 | 17.8 | 334.5 | 329.9 | 99.9 | 99.9 | 37.6 | 39 |
| 34 | 110.3 | 12720.7 | 175.0 | -62.2 | 99.9 | 231.7 | 24.4 | 21.5 | 11.5 | 347.3 | 329.9 | 99.9 | 99.9 | 42.7 | 41 |
| 35 | 116.5 | 13430.0 | 150.0 | -58.7 | 99.9 | 236.7 | 19.2 | 17.7 | 7.6 | 369.0 | 329.9 | 99.9 | 99.9 | 45.5 | 43 |
| 36 | 123.5 | 15226.5 | 125.0 | -53.4 | 99.9 | 233.4 | 20.2 | 17.2 | 10.6 | 387.4 | 329.9 | 99.9 | 99.9 | 49.4 | 44 |
| 37 | 131.3 | 16412.0 | 100.0 | -63.1 | 99.9 | 267.9 | 18.4 | 18.4 | 0.7 | 405.8 | 329.9 | 99.9 | 99.9 | 54.3 | 47 |
| 38 | 140.3 | 18175.3 | 75.0 | -61.5 | 99.9 | 262.3 | 12.2 | 12.1 | 1.6 | 463.9 | 329.9 | 99.9 | 99.9 | 57.5 | 49 |
| 39 | 150.3 | 20675.8 | 50.0 | -59.0 | 99.9 | 304.4 | 6.0 | 5.0 | -3.4 | 504.6 | 329.9 | 99.9 | 99.9 | 59.9 | 52 |
| 40 | 160.5 | 25122.0 | 25.0 | -49.6 | 99.9 | 271.2 | 9.4 | 9.4 | -0.2 | 645.1 | 329.9 | 99.9 | 99.9 | 60.8 | 55 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 363
AMARILLO, TEXAS

| 19 APRIL 1979 | | | | | | | | | | | | | | 147 13. 0 | | | |
|---------------|-------|---------|--------|-------|--------|-------|-------|--------|--------|-------|---------|--------|-------|-----------|-------|--|--|
| 2300 GMT | | | | | | | | | | | | | | | | | |
| TIME | CNTCT | HEIGHT | PRES | TEMP | QEM PT | DIR | SPEED | U COMP | V COMP | POT T | E POT T | MX RTO | RM | RANGE | AZ | | |
| MIN | | GPM | MB | DEG C | DEG C | DEG | M/SEC | M/SEC | M/SEC | DEG K | DEG K | GM/KG | PCT | KM | DEG | | |
| 0.0 | 16.5 | 1094.0 | 887.0 | 18.3 | 14.4 | 110.0 | 10.8 | -10.1 | 3.7 | 301.6 | 313.2 | 11.7 | 76.0 | 0.0 | 0. | | |
| 00.0 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 | | |
| 00.0 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 | | |
| 00.0 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 | | |
| 00.0 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 | | |
| 00.0 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 | | |
| 00.0 | 99.9 | 99.9 | 875.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 | | |
| 0.5 | 17.7 | 1210.8 | 875.0 | 17.7 | 12.6 | 124.3 | 12.8 | -10.1 | 7.2 | 302.2 | 310.8 | 10.5 | 72.0 | 0.4 | 293. | | |
| 1.3 | 20.1 | 1459.1 | 850.0 | 17.1 | 11.2 | 137.4 | 10.2 | -6.9 | 7.5 | 304.0 | 331.2 | 9.9 | 69.1 | 1.0 | 302. | | |
| 2.2 | 22.6 | 1714.2 | 825.0 | 16.3 | 9.5 | 172.9 | 9.3 | -1.2 | 9.2 | 305.9 | 331.2 | 9.1 | 64.1 | 1.3 | 310. | | |
| 2.7 | 25.1 | 1975.4 | 800.0 | 15.0 | 6.9 | 202.6 | 11.8 | 4.5 | 10.9 | 307.2 | 329.1 | 7.8 | 57.8 | 1.6 | 326. | | |
| 3.7 | 27.6 | 2244.4 | 775.0 | 13.5 | 3.9 | 210.2 | 12.5 | 6.3 | 10.8 | 308.3 | 327.0 | 6.6 | 52.2 | 2.0 | 341. | | |
| 4.5 | 30.2 | 2519.7 | 750.0 | 11.6 | 1.3 | 218.6 | 12.8 | 8.0 | 10.0 | 309.2 | 325.5 | 5.6 | 49.2 | 2.4 | 354. | | |
| 5.1 | 32.4 | 2802.3 | 725.0 | 9.2 | 0.1 | 222.4 | 12.4 | 8.3 | 9.1 | 309.6 | 325.0 | 5.3 | 53.0 | 2.9 | 4. | | |
| 6.3 | 35.4 | 3092.1 | 700.0 | 6.3 | -0.5 | 223.8 | 11.9 | 8.2 | 8.6 | 309.5 | 324.9 | 5.3 | 61.7 | 3.4 | 11. | | |
| 7.2 | 38.1 | 3399.1 | 675.0 | 3.4 | -2.1 | 230.9 | 11.6 | 9.0 | 7.3 | 309.5 | 323.7 | 4.9 | 67.1 | 4.0 | 16. | | |
| 8.2 | 40.9 | 3694.3 | 650.0 | 1.2 | -6.8 | 241.2 | 11.7 | 10.2 | 5.6 | 310.3 | 320.9 | 3.5 | 55.4 | 4.5 | 21. | | |
| 9.1 | 43.4 | 4008.6 | 625.0 | -1.5 | -9.2 | 242.2 | 13.7 | 12.1 | 6.4 | 310.8 | 319.9 | 3.0 | 55.4 | 5.1 | 28. | | |
| 10.4 | 46.5 | 4332.6 | 600.0 | -4.0 | -9.2 | 238.0 | 15.8 | 13.4 | 8.4 | 311.5 | 321.2 | 3.2 | 67.2 | 6.0 | 33. | | |
| 11.7 | 49.6 | 4556.9 | 575.0 | -6.9 | -12.6 | 240.0 | 16.5 | 14.3 | 8.3 | 312.0 | 319.8 | 2.5 | 63.8 | 7.2 | 37. | | |
| 12.7 | 52.6 | 5112.2 | 550.0 | -9.2 | -18.1 | 250.7 | 16.9 | 15.9 | 5.6 | 313.2 | 314.5 | 0.4 | 10.9 | 8.3 | 41. | | |
| 14.3 | 55.8 | 5371.1 | 525.0 | -10.4 | -56.5 | 250.9 | 18.4 | 17.4 | 6.0 | 316.0 | 316.1 | 0.0 | 1.0 | 9.5 | 46. | | |
| 15.5 | 58.9 | 5744.7 | 500.0 | -12.9 | -58.1 | 248.4 | 19.4 | 17.5 | 8.4 | 317.4 | 317.5 | 0.0 | 1.0 | 10.8 | 48. | | |
| 16.3 | 62.1 | 6134.0 | 475.0 | -15.4 | -59.7 | 245.8 | 19.7 | 19.0 | 8.1 | 318.9 | 319.0 | 0.0 | 1.0 | 12.3 | 50. | | |
| 18.2 | 65.5 | 6540.2 | 450.0 | -17.9 | -54.0 | 245.0 | 22.4 | 20.3 | 9.4 | 320.8 | 321.1 | 0.1 | 3.4 | 13.9 | 52. | | |
| 19.5 | 69.9 | 6964.6 | 425.0 | -21.4 | -38.2 | 243.6 | 23.1 | 20.7 | 10.3 | 321.6 | 322.7 | 0.3 | 20.3 | 15.8 | 54. | | |
| 21.0 | 72.3 | 7408.5 | 400.0 | -25.3 | -42.7 | 240.0 | 24.1 | 20.9 | 12.0 | 322.1 | 322.9 | 0.2 | 17.8 | 17.8 | 55. | | |
| 22.3 | 75.7 | 7873.5 | 375.0 | -29.0 | -40.8 | 233.2 | 23.3 | 18.7 | 14.0 | 323.3 | 324.3 | 0.3 | 30.6 | 19.7 | 55. | | |
| 23.4 | 79.7 | 8362.9 | 350.0 | -33.1 | -39.7 | 225.2 | 23.7 | 16.8 | 16.7 | 324.1 | 325.3 | 0.3 | 51.3 | 21.7 | 54. | | |
| 25.4 | 83.7 | 8810.2 | 325.0 | -36.6 | -39.8 | 216.6 | 23.7 | 14.1 | 19.0 | 326.3 | 327.6 | 0.4 | 71.7 | 24.0 | 53. | | |
| 27.2 | 87.8 | 9288.2 | 300.0 | -42.2 | 99.9 | 211.6 | 25.2 | 13.2 | 21.5 | 326.0 | 999.9 | 99.9 | 999.9 | 26.5 | 51. | | |
| 29.4 | 92.2 | 10212.3 | 275.0 | -46.0 | 99.9 | 203.2 | 27.3 | 11.6 | 24.7 | 329.6 | 999.9 | 99.9 | 999.9 | 29.6 | 48. | | |
| 31.1 | 95.9 | 10639.8 | 250.0 | -50.9 | 99.9 | 203.9 | 27.4 | 11.1 | 25.1 | 330.4 | 999.9 | 99.9 | 999.9 | 32.4 | 46. | | |
| 32.7 | 101.8 | 11316.6 | 225.0 | -56.0 | 99.9 | 204.8 | 24.8 | 10.4 | 22.5 | 331.4 | 999.9 | 99.9 | 999.9 | 34.7 | 45. | | |
| 34.7 | 107.0 | 12057.5 | 200.0 | -59.6 | 99.9 | 200.5 | 29.9 | 10.5 | 28.0 | 338.4 | 999.9 | 99.9 | 999.9 | 37.6 | 43. | | |
| 37.0 | 112.9 | 12994.0 | 175.0 | -61.2 | 99.9 | 227.0 | 24.3 | 17.8 | 16.6 | 369.0 | 999.9 | 99.9 | 999.9 | 41.0 | 42. | | |
| 39.6 | 118.8 | 13468.4 | 150.0 | -53.7 | 99.9 | 251.6 | 22.7 | 21.5 | 7.2 | 367.2 | 999.9 | 99.9 | 999.9 | 44.6 | 43. | | |
| 43.5 | 125.5 | 14992.9 | 125.0 | -54.8 | 99.9 | 265.3 | 18.0 | 18.0 | 1.5 | 388.6 | 999.9 | 99.9 | 999.9 | 48.6 | 47. | | |
| 47.1 | 132.8 | 16379.4 | 100.0 | -64.6 | 99.9 | 254.3 | 11.5 | 11.0 | 3.1 | 403.0 | 999.9 | 99.9 | 999.9 | 51.4 | 49. | | |
| 52.3 | 140.7 | 18111.0 | 75.0 | -68.1 | 99.9 | 268.0 | 15.1 | 15.1 | 1.1 | 430.2 | 999.9 | 99.9 | 999.9 | 55.6 | 51. | | |
| 10.0 | 149.3 | 20606.4 | 50.0 | -58.0 | 99.9 | 303.8 | 7.4 | 6.1 | -4.1 | 506.9 | 999.9 | 99.9 | 999.9 | 57.1 | 54. | | |
| 11.2 | 158.0 | 25035.1 | 25.0 | -51.0 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 638.0 | 999.9 | 99.9 | 999.9 | 57.9 | 56. | | |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 363
 AMARILLO, TEXAS

 20 APRIL 1979
 245 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES HG | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO CM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|---------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.3 | 16.1 | 1094.0 | 887.4 | 15.0 | 13.4 | 150.0 | 8.8 | -4.4 | 7.6 | 298.2 | 327.4 | 11.0 | 90.0 | 138 | 21.0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.4 | 17.2 | 1214.1 | 975.0 | 16.8 | 14.1 | 149.8 | 14.5 | -7.3 | 12.5 | 301.3 | 332.6 | 11.7 | 84.0 | 0.6 | 326. |
| 1.4 | 19.4 | 1462.3 | 950.0 | 17.2 | 13.2 | 157.9 | 16.9 | -6.4 | 15.7 | 304.2 | 335.2 | 11.4 | 77.3 | 1.4 | 329. |
| 2.3 | 21.6 | 1717.8 | 925.0 | 16.9 | 10.8 | 171.6 | 16.7 | -2.4 | 16.5 | 306.5 | 336.0 | 9.9 | 67.1 | 2.3 | 335. |
| 7.1 | 21.9 | 1940.3 | 800.0 | 16.0 | 7.9 | 184.1 | 12.8 | 0.9 | 12.8 | 308.2 | 331.9 | 8.4 | 58.5 | 3.1 | 341. |
| 4.1 | 26.3 | 2247.8 | 775.0 | 14.6 | 2.9 | 195.3 | 8.7 | 2.3 | 8.4 | 309.6 | 327.1 | 6.1 | 45.0 | 3.6 | 346. |
| 5.1 | 28.6 | 2525.0 | 750.0 | 12.1 | 0.6 | 207.1 | 10.4 | 4.7 | 9.2 | 309.7 | 325.2 | 5.3 | 45.2 | 4.0 | 352. |
| 6.1 | 31.0 | 2809.8 | 725.0 | 9.7 | -0.7 | 216.1 | 13.2 | 7.8 | 10.7 | 310.2 | 324.9 | 5.0 | 48.2 | 4.6 | 356. |
| 7.2 | 33.5 | 3029.3 | 700.0 | 7.2 | -3.3 | 222.9 | 15.1 | 10.2 | 11.0 | 310.5 | 323.1 | 4.3 | 47.0 | 5.3 | 3. |
| 8.2 | 36.0 | 3397.3 | 675.0 | 4.8 | -4.8 | 234.1 | 14.4 | 11.7 | 8.4 | 311.0 | 322.8 | 4.0 | 49.9 | 6.0 | 9. |
| 9.2 | 38.4 | 3733.7 | 650.0 | 2.0 | -10.0 | 245.1 | 14.3 | 13.0 | 5.9 | 311.3 | 319.7 | 2.8 | 40.4 | 6.5 | 15. |
| 10.2 | 41.0 | 4018.5 | 625.0 | -1.0 | -12.4 | 255.6 | 14.6 | 14.1 | 3.6 | 311.3 | 318.5 | 2.4 | 41.5 | 7.1 | 21. |
| 11.3 | 43.7 | 4342.7 | 600.0 | -4.0 | -13.3 | 262.2 | 14.5 | 14.4 | 2.0 | 311.5 | 318.5 | 2.3 | 49.5 | 7.6 | 27. |
| 12.3 | 46.3 | 4676.7 | 575.0 | -7.3 | -14.0 | 263.7 | 15.4 | 15.3 | 1.7 | 311.4 | 318.3 | 2.2 | 58.7 | 8.1 | 32. |
| 13.4 | 49.0 | 5021.1 | 550.0 | -9.3 | -15.8 | 264.7 | 16.8 | 16.7 | 1.5 | 312.5 | 314.1 | 0.5 | 14.5 | 8.8 | 39. |
| 14.4 | 51.4 | 5391.3 | 525.0 | -9.3 | -18.1 | 267.6 | 16.9 | 16.9 | 0.7 | 312.2 | 313.2 | 0.3 | 17.4 | 9.7 | 43. |
| 15.0 | 54.7 | 5755.1 | 500.0 | -12.5 | -22.5 | 265.9 | 17.1 | 17.1 | 1.2 | 317.8 | 318.4 | 0.2 | 17.5 | 10.7 | 49. |
| 17.3 | 57.5 | 6145.1 | 475.0 | -15.7 | -24.5 | 260.8 | 17.3 | 17.1 | 2.8 | 318.5 | 319.2 | 0.2 | 18.8 | 11.8 | 52. |
| 18.7 | 60.6 | 6550.8 | 450.0 | -19.1 | -28.7 | 254.3 | 19.4 | 18.7 | 5.2 | 320.5 | 321.6 | 0.3 | 16.6 | 13.3 | 55. |
| 20.7 | 63.7 | 6975.7 | 425.0 | -20.8 | -32.2 | 246.9 | 18.9 | 17.1 | 8.0 | 322.3 | 323.0 | 0.2 | 11.2 | 14.9 | 57. |
| 21.5 | 66.7 | 7420.1 | 400.0 | -24.8 | -37.6 | 237.6 | 19.7 | 16.6 | 10.5 | 322.8 | 323.6 | 0.2 | 17.2 | 16.5 | 57. |
| 23.1 | 70.1 | 7885.7 | 375.0 | -29.9 | -42.6 | 231.5 | 20.0 | 16.0 | 11.9 | 323.4 | 323.9 | 0.2 | 17.2 | 18.3 | 57. |
| 24.7 | 73.6 | 8350.3 | 350.0 | -32.9 | -47.0 | 231.3 | 19.4 | 15.3 | 12.2 | 323.3 | 323.9 | 0.2 | 17.2 | 20.2 | 56. |
| 26.1 | 77.1 | 8822.1 | 325.0 | -37.0 | -52.0 | 224.7 | 19.3 | 13.6 | 13.7 | 323.8 | 326.1 | 0.1 | 18.9 | 22.0 | 55. |
| 27.7 | 80.9 | 9400.7 | 300.0 | -41.2 | -57.9 | 217.0 | 20.3 | 12.2 | 16.2 | 327.4 | 328.5 | 0.1 | 18.9 | 24.0 | 55. |
| 29.0 | 84.9 | 10025.1 | 275.0 | -45.1 | -63.1 | 216.6 | 19.5 | 11.6 | 15.7 | 328.5 | 329.9 | 0.1 | 18.9 | 26.1 | 53. |
| 31.9 | 88.8 | 10653.2 | 250.0 | -50.7 | -68.7 | 215.6 | 17.5 | 10.2 | 14.2 | 330.7 | 330.9 | 0.1 | 18.9 | 28.3 | 52. |
| 34.1 | 93.2 | 11330.9 | 225.0 | -55.9 | -74.9 | 213.0 | 19.6 | 10.7 | 16.4 | 332.9 | 333.9 | 0.1 | 18.9 | 30.6 | 53. |
| 36.4 | 97.8 | 12073.5 | 200.0 | -59.9 | -80.9 | 223.4 | 21.5 | 14.8 | 15.7 | 337.9 | 338.9 | 0.1 | 18.9 | 33.4 | 49. |
| 38.7 | 102.9 | 12806.5 | 175.0 | -59.8 | -86.9 | 227.0 | 21.4 | 15.6 | 14.6 | 351.2 | 351.2 | 0.1 | 18.9 | 36.6 | 49. |
| 42.0 | 108.4 | 13872.2 | 150.0 | -59.3 | -93.9 | 243.7 | 21.1 | 18.9 | 9.4 | 367.9 | 367.9 | 0.1 | 18.9 | 40.5 | 50. |
| 45.4 | 114.3 | 15011.6 | 125.0 | -60.1 | -99.9 | 257.5 | 18.5 | 18.1 | 4.0 | 380.2 | 380.2 | 0.1 | 18.9 | 44.2 | 51. |
| 49.5 | 121.3 | 16391.5 | 100.0 | -64.8 | -99.9 | 256.8 | 12.9 | 12.6 | 3.0 | 402.5 | 402.5 | 0.1 | 18.9 | 47.3 | 54. |
| 54.3 | 129.3 | 18140.6 | 75.0 | -63.7 | -99.9 | 270.1 | 13.4 | 13.4 | -0.0 | 430.5 | 430.5 | 0.1 | 18.9 | 51.0 | 55. |
| 60.8 | 139.3 | 20653.7 | 50.0 | -57.8 | -99.9 | 339.0 | 6.1 | 2.2 | -5.7 | 507.3 | 507.3 | 0.1 | 18.9 | 52.1 | 58. |
| 73.4 | 151.0 | 25085.3 | 25.0 | -49.1 | -99.9 | 299.9 | 10.8 | 9.4 | -5.4 | 646.3 | 646.3 | 0.1 | 18.9 | 52.7 | 60. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 363
AMARILLO, TEXAS

20 APRIL 1979
500 GMT

| TIME MIN | CNCT | HEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT I DEG K | E POT I DEG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|-----------------|-----------|-------------|-----------|
| 0.3 | 14.8 | 1094.0 | 887.6 | 14.4 | 13.3 | 150.0 | 7.2 | -3.6 | 6.2 | 297.5 | 326.5 | 10.9 | 93.0 | 0.0 | 0.0 |
| 99.3 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.3 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.3 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.3 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.3 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.5 | 15.9 | 1215.6 | 875.0 | 15.2 | 13.5 | 153.3 | 18.8 | -8.5 | 16.8 | 299.6 | 329.5 | 11.2 | 89.5 | 0.4 | 330.0 |
| 1.4 | 18.1 | 1463.0 | 850.0 | 16.6 | 12.8 | 163.2 | 20.2 | -5.8 | 19.4 | 303.5 | 331.3 | 11.0 | 78.4 | 1.6 | 335.0 |
| 2.5 | 20.4 | 1717.8 | 825.0 | 16.6 | 12.8 | 183.8 | 15.8 | 1.0 | 15.7 | 306.1 | 331.3 | 9.1 | 62.9 | 2.7 | 342.0 |
| 3.5 | 22.7 | 1980.1 | 800.0 | 15.6 | -3.5 | 208.5 | 12.2 | 5.8 | 10.7 | 328.9 | 320.1 | 3.8 | 25.9 | 3.4 | 350.0 |
| 4.6 | 25.1 | 2249.4 | 775.0 | 15.1 | -10.2 | 227.5 | 10.3 | 7.6 | 7.0 | 310.1 | 317.0 | 2.3 | 15.4 | 3.9 | 358.0 |
| 5.5 | 27.4 | 2525.5 | 750.0 | 12.6 | -12.6 | 244.6 | 9.2 | 8.3 | 3.9 | 310.3 | 316.3 | 1.9 | 15.9 | 4.2 | 4.0 |
| 6.4 | 29.8 | 2808.3 | 725.0 | 10.0 | -13.4 | 245.1 | 9.6 | 8.7 | 4.0 | 310.5 | 316.3 | 1.9 | 17.7 | 4.5 | 9.0 |
| 7.3 | 32.2 | 3098.1 | 700.0 | 7.0 | -13.2 | 248.6 | 9.9 | 9.2 | 3.6 | 310.3 | 316.4 | 2.0 | 22.0 | 4.8 | 15.0 |
| 8.3 | 34.7 | 3395.6 | 675.0 | 4.3 | -13.1 | 246.3 | 9.9 | 9.1 | 4.0 | 310.5 | 316.8 | 2.1 | 25.8 | 5.1 | 20.0 |
| 9.3 | 37.2 | 3721.0 | 650.0 | 1.4 | -13.1 | 247.6 | 9.4 | 8.7 | 3.6 | 310.5 | 317.1 | 2.1 | 33.0 | 5.6 | 24.0 |
| 10.4 | 39.9 | 4014.9 | 625.0 | -1.9 | -13.0 | 245.9 | 10.2 | 9.3 | 4.2 | 310.3 | 317.2 | 2.2 | 42.1 | 6.0 | 29.0 |
| 11.4 | 42.4 | 4338.0 | 600.0 | -4.9 | -13.4 | 244.3 | 11.1 | 10.0 | 4.8 | 310.4 | 317.4 | 2.3 | 51.2 | 6.5 | 32.0 |
| 12.3 | 45.2 | 4670.6 | 575.0 | -8.3 | -14.1 | 244.2 | 11.4 | 10.3 | 5.0 | 310.3 | 317.2 | 2.2 | 62.9 | 7.1 | 34.0 |
| 13.4 | 47.9 | 5013.8 | 550.0 | -11.7 | -14.0 | 246.4 | 12.3 | 11.3 | 4.9 | 310.2 | 317.3 | 2.3 | 83.0 | 7.7 | 37.0 |
| 14.5 | 50.7 | 5370.1 | 525.0 | -11.5 | -28.6 | 256.5 | 14.8 | 14.3 | 3.4 | 314.6 | 317.6 | 0.9 | 30.3 | 8.6 | 41.0 |
| 15.2 | 53.5 | 5737.7 | 500.0 | -13.6 | -39.8 | 264.1 | 15.6 | 15.5 | 1.6 | 316.5 | 317.3 | 0.2 | 8.8 | 9.5 | 46.0 |
| 17.4 | 58.5 | 6131.0 | 475.0 | -16.0 | -45.5 | 258.5 | 18.4 | 18.0 | 3.7 | 318.2 | 318.8 | 0.1 | 6.3 | 10.8 | 51.0 |
| 18.3 | 59.5 | 6537.1 | 450.0 | -17.9 | -45.8 | 247.6 | 17.0 | 15.7 | 6.5 | 320.7 | 321.2 | 0.1 | 6.7 | 12.3 | 54.0 |
| 20.3 | 62.6 | 6981.4 | 425.0 | -21.6 | -46.2 | 234.1 | 16.3 | 13.2 | 9.6 | 321.3 | 321.8 | 0.1 | 8.6 | 13.7 | 54.0 |
| 21.7 | 65.9 | 7404.2 | 400.0 | -26.0 | -46.1 | 228.2 | 17.5 | 13.1 | 11.7 | 321.3 | 321.8 | 0.1 | 12.9 | 15.1 | 54.0 |
| 23.2 | 69.1 | 7867.4 | 375.0 | -30.4 | -46.6 | 229.6 | 18.2 | 13.9 | 11.8 | 321.4 | 321.9 | 0.1 | 18.6 | 16.6 | 53.0 |
| 24.3 | 72.7 | 8353.6 | 350.0 | -34.3 | -46.0 | 231.7 | 18.0 | 14.1 | 11.1 | 322.5 | 323.0 | 0.1 | 23.5 | 18.4 | 53.0 |
| 26.5 | 76.3 | 8868.7 | 325.0 | -37.9 | -52.2 | 231.1 | 19.4 | 15.1 | 12.2 | 324.4 | 324.8 | 0.1 | 20.4 | 20.4 | 53.0 |
| 28.5 | 80.0 | 9414.1 | 300.0 | -42.8 | 99.9 | 226.8 | 21.2 | 15.5 | 14.5 | 325.0 | 99.9 | 99.9 | 99.9 | 22.7 | 53.0 |
| 30.5 | 83.9 | 9995.7 | 275.0 | -47.2 | 99.9 | 228.1 | 21.2 | 15.8 | 14.2 | 326.9 | 99.9 | 99.9 | 99.9 | 25.4 | 52.0 |
| 32.6 | 88.0 | 10619.6 | 250.0 | -52.1 | 99.9 | 224.2 | 19.9 | 13.9 | 14.3 | 328.6 | 99.9 | 99.9 | 99.9 | 27.8 | 52.0 |
| 34.9 | 92.3 | 11294.3 | 225.0 | -56.9 | 99.9 | 225.1 | 22.4 | 15.9 | 15.8 | 331.3 | 99.9 | 99.9 | 99.9 | 30.5 | 51.0 |
| 37.4 | 97.0 | 12031.6 | 200.0 | -61.9 | 99.9 | 228.5 | 25.0 | 18.8 | 16.6 | 334.7 | 99.9 | 99.9 | 99.9 | 34.3 | 50.0 |
| 40.2 | 102.0 | 12840.5 | 175.0 | -61.4 | 99.9 | 229.4 | 24.4 | 18.5 | 15.9 | 338.6 | 99.9 | 99.9 | 99.9 | 38.6 | 50.0 |
| 43.3 | 107.5 | 13826.7 | 150.0 | -59.3 | 99.9 | 243.5 | 21.3 | 19.0 | 9.5 | 368.0 | 99.9 | 99.9 | 99.9 | 42.9 | 51.0 |
| 46.9 | 113.4 | 14971.1 | 125.0 | -58.8 | 99.9 | 252.7 | 14.4 | 13.8 | 4.3 | 388.6 | 99.9 | 99.9 | 99.9 | 46.5 | 52.0 |
| 51.5 | 120.7 | 16351.5 | 100.0 | -65.2 | 99.9 | 244.2 | 14.6 | 13.1 | 6.4 | 401.8 | 99.9 | 99.9 | 99.9 | 49.7 | 53.0 |
| 56.7 | 129.0 | 18100.8 | 75.0 | -62.9 | 99.9 | 297.1 | 14.6 | 13.0 | -6.7 | 441.1 | 99.9 | 99.9 | 99.9 | 54.9 | 54.0 |
| 63.4 | 139.0 | 20608.0 | 50.0 | -62.3 | 99.9 | 327.4 | 4.2 | 2.2 | -3.5 | 496.7 | 99.9 | 99.9 | 99.9 | 59.0 | 58.0 |
| 75.5 | 151.5 | 25027.2 | 25.0 | -50.2 | 99.9 | 314.6 | 6.4 | 4.6 | -4.5 | 640.5 | 99.9 | 99.9 | 99.9 | 55.4 | 60.0 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 363
 AMARILLO, TEXAS

 20 APRIL 1979
 800 GMT

| TIME MIN | CNTCT | HEIGHT GDM | PRES MB | TEMP DEG C | DEN PT DEG C | DIR DEG | SPEED M/SEC | J COMP M/SEC | V COMP M/SEC | POT T DEG K | E POT T DEG K | MX RTO CM/KG | RM PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|-----------------|-----------|-------------|-----------|
| 0.7 | 17.4 | 1094.0 | 887.9 | 13.9 | 12.8 | 150.0 | 3.6 | -1.8 | 3.1 | 297.0 | 324.9 | 10.5 | 93.0 | 0.0 | 0. |
| 99.3 | 99.3 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.3 | 99.3 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.3 | 99.3 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.3 | 99.3 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.3 | 99.3 | 99.9 | 920.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.5 | 19.4 | 1219.3 | 875.0 | 14.8 | 14.1 | 178.5 | 8.2 | -0.2 | 8.2 | 299.1 | 330.1 | 11.6 | 95.4 | 0.2 | 34.3 |
| 1.5 | 23.3 | 1444.4 | 850.0 | 16.5 | 6.9 | 229.2 | 5.9 | 4.5 | 3.9 | 303.4 | 324.0 | 7.4 | 53.6 | 0.7 | 4. |
| 2.3 | 23.3 | 1719.3 | 825.0 | 18.1 | -12.8 | 292.4 | 4.3 | 3.9 | -1.6 | 307.8 | 313.1 | 1.7 | 11.0 | 0.7 | 21. |
| 3.3 | 25.7 | 1981.3 | 803.0 | 16.5 | -32.5 | 321.9 | 6.3 | 3.9 | -4.9 | 308.7 | 310.0 | 0.4 | 2.6 | 0.7 | 43. |
| 4.2 | 28.2 | 2240.7 | 775.0 | 14.7 | -40.9 | 315.0 | 7.5 | 5.3 | -5.3 | 309.6 | 310.1 | 0.1 | 1.0 | 0.7 | 77. |
| 5.3 | 30.7 | 2525.1 | 750.0 | 12.3 | -27.9 | 307.4 | 6.0 | 4.8 | -3.6 | 309.9 | 311.7 | 0.5 | 4.5 | 1.0 | 96. |
| 6.2 | 33.2 | 2807.2 | 725.0 | 9.4 | -22.6 | 292.0 | 5.5 | 5.1 | -2.0 | 309.8 | 312.5 | 0.9 | 8.5 | 1.3 | 102. |
| 7.3 | 35.9 | 3066.6 | 700.0 | 7.0 | -20.4 | 268.5 | 6.8 | 6.8 | 0.2 | 310.2 | 313.6 | 1.1 | 12.0 | 1.7 | 101. |
| 8.4 | 38.4 | 3331.9 | 675.0 | 4.3 | -14.3 | 258.8 | 7.9 | 7.8 | 1.5 | 310.5 | 314.7 | 1.3 | 17.3 | 2.2 | 97. |
| 9.5 | 41.0 | 3599.3 | 650.0 | 1.9 | -17.6 | 249.8 | 7.6 | 7.2 | 2.6 | 311.1 | 315.7 | 1.5 | 22.0 | 2.7 | 93. |
| 10.4 | 43.4 | 3813.5 | 625.0 | -1.7 | -15.0 | 248.1 | 7.4 | 6.8 | 2.7 | 310.5 | 316.4 | 1.9 | 35.5 | 3.2 | 88. |
| 12.1 | 46.6 | 4336.9 | 600.0 | -4.8 | -13.5 | 253.7 | 7.7 | 7.2 | 2.5 | 310.6 | 317.5 | 2.3 | 50.5 | 3.9 | 85. |
| 13.1 | 49.3 | 4579.0 | 575.0 | -7.8 | -13.4 | 253.4 | 8.0 | 7.7 | 2.3 | 310.8 | 318.1 | 2.4 | 61.2 | 4.3 | 84. |
| 14.5 | 52.2 | 5013.7 | 550.0 | -10.9 | -10.9 | 259.8 | 10.3 | 10.2 | 1.8 | 311.1 | 316.2 | 1.6 | 55.3 | 4.9 | 53. |
| 15.4 | 55.2 | 5371.6 | 525.0 | -11.4 | -57.1 | 256.7 | 13.1 | 12.7 | 3.0 | 314.8 | 314.9 | 0.0 | 1.0 | 5.9 | 82. |
| 17.3 | 58.3 | 5743.7 | 500.0 | -14.1 | -58.9 | 254.4 | 13.5 | 13.0 | 3.6 | 315.8 | 315.9 | 0.0 | 1.0 | 6.9 | 81. |
| 19.2 | 61.4 | 6130.4 | 475.0 | -17.2 | -60.9 | 251.2 | 14.7 | 13.9 | 4.7 | 316.7 | 316.8 | 0.0 | 1.0 | 7.9 | 80. |
| 19.5 | 64.5 | 6514.6 | 450.0 | -19.1 | -62.1 | 247.2 | 17.4 | 16.0 | 6.7 | 319.3 | 319.4 | 0.0 | 1.0 | 9.1 | 79. |
| 21.2 | 67.8 | 6757.0 | 425.0 | -22.4 | -64.2 | 244.4 | 18.7 | 16.9 | 8.1 | 320.3 | 320.4 | 0.0 | 1.0 | 10.7 | 77. |
| 22.2 | 71.1 | 7199.5 | 400.0 | -25.4 | -66.2 | 240.4 | 17.8 | 15.5 | 8.8 | 321.9 | 322.0 | 0.0 | 1.0 | 12.3 | 75. |
| 24.2 | 74.7 | 7451.8 | 375.0 | -29.8 | -69.0 | 240.4 | 17.3 | 15.5 | 8.8 | 322.1 | 322.2 | 0.0 | 1.0 | 14.0 | 73. |
| 25.4 | 78.3 | 8351.5 | 350.0 | -33.9 | -71.7 | 235.4 | 17.4 | 14.3 | 9.9 | 323.2 | 323.2 | 0.0 | 1.0 | 15.7 | 71. |
| 27.7 | 82.0 | 9466.1 | 325.0 | -39.1 | -74.6 | 234.1 | 17.9 | 14.5 | 10.5 | 324.1 | 324.2 | 0.0 | 1.0 | 17.6 | 69. |
| 29.6 | 85.0 | 9411.7 | 300.0 | -42.4 | 99.9 | 236.4 | 19.4 | 16.1 | 10.7 | 325.7 | 325.7 | 99.9 | 99.9 | 19.6 | 68. |
| 31.7 | 90.0 | 9233.7 | 275.0 | -46.9 | 99.9 | 231.4 | 20.0 | 15.7 | 12.5 | 327.3 | 327.3 | 99.9 | 99.9 | 22.1 | 67. |
| 33.2 | 94.4 | 10519.0 | 250.0 | -51.7 | 99.9 | 225.9 | 20.9 | 15.0 | 14.5 | 329.2 | 329.2 | 99.9 | 99.9 | 24.6 | 64. |
| 36.2 | 99.0 | 11293.0 | 225.0 | -57.2 | 99.9 | 223.4 | 23.5 | 16.2 | 17.1 | 330.8 | 330.8 | 99.9 | 99.9 | 27.4 | 62. |
| 39.6 | 103.8 | 12235.8 | 200.0 | -57.6 | 99.9 | 218.7 | 24.8 | 15.5 | 19.3 | 331.6 | 331.6 | 99.9 | 99.9 | 30.9 | 60. |
| 41.1 | 104.1 | 12376.2 | 175.0 | -58.6 | 99.9 | 227.8 | 25.5 | 18.9 | 17.2 | 333.3 | 333.3 | 99.9 | 99.9 | 34.9 | 57. |
| 45.3 | 115.0 | 13455.5 | 150.0 | -55.3 | 99.9 | 249.8 | 21.2 | 19.9 | 7.3 | 334.9 | 334.9 | 99.9 | 99.9 | 39.9 | 58. |
| 48.7 | 121.5 | 15014.9 | 125.0 | -58.2 | 99.9 | 268.1 | 15.6 | 15.6 | 0.5 | 339.7 | 339.7 | 99.9 | 99.9 | 43.6 | 60. |
| 53.7 | 129.9 | 16396.6 | 100.0 | -65.2 | 99.9 | 253.7 | 13.6 | 13.0 | 3.8 | 401.8 | 401.8 | 99.9 | 99.9 | 46.9 | 62. |
| 58.7 | 137.3 | 18147.3 | 75.0 | -64.2 | 99.9 | 247.8 | 10.9 | 10.1 | 4.1 | 428.3 | 428.3 | 99.9 | 99.9 | 51.6 | 63. |
| 66.3 | 147.5 | 23653.1 | 50.0 | -59.1 | 99.9 | 309.4 | 5.3 | 4.1 | -3.4 | 504.3 | 504.3 | 99.9 | 99.9 | 53.7 | 64. |
| 78.5 | 159.5 | 25090.5 | 25.0 | -49.5 | 99.9 | 315.8 | 5.5 | 3.8 | -3.9 | 642.5 | 642.5 | 99.9 | 99.9 | 54.8 | 68. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 363
AMARILLO, TEXAS

20 APRIL 1979
1100 GMT

144 12. 0

| TIME MIN | CNCT | HEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DEG K | E POT T DEG K | WX RTO GM/KG | RH PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|-----------------|-----------|-------------|-----------|
| 0.3 | 15.9 | 1094.0 | 991.0 | 14.4 | 12.8 | 10.0 | 11.3 | -2.0 | -11.1 | 297.2 | 325.1 | 10.5 | 90.0 | 0.0 | 0. |
| 99.1 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.2 | 99.9 | 99.9 | 995.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.3 | 99.9 | 99.9 | 990.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.4 | 99.9 | 99.9 | 985.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.5 | 99.9 | 99.9 | 980.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.6 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.7 | 99.9 | 99.9 | 970.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.8 | 99.9 | 99.9 | 965.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 960.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 0.5 | 17.4 | 1246.3 | 975.0 | 11.7 | 5.9 | 2.0 | 10.1 | -0.6 | -18.1 | 295.9 | 314.0 | 6.7 | 67.6 | 0.0 | 177. |
| 1.5 | 19.6 | 1488.4 | 950.0 | 11.0 | 5.7 | 15.7 | 17.5 | -4.7 | -16.6 | 297.7 | 316.2 | 6.6 | 69.9 | 1.5 | 183. |
| 2.4 | 21.9 | 1738.5 | 925.0 | 11.6 | 10.6 | 24.2 | 13.9 | -5.7 | -12.7 | 300.8 | 327.4 | 9.8 | 93.9 | 2.4 | 191. |
| 3.3 | 24.2 | 1995.1 | 900.0 | 10.3 | 8.3 | 24.1 | 7.5 | -3.1 | -6.9 | 302.1 | 325.8 | 8.6 | 87.3 | 2.9 | 193. |
| 4.1 | 26.5 | 2260.6 | 875.0 | 9.9 | 6.0 | 29.5 | 7.9 | -3.9 | -6.9 | 303.4 | 324.5 | 7.6 | 82.2 | 3.2 | 195. |
| 5.1 | 28.9 | 2531.6 | 850.0 | 7.1 | 3.9 | 26.6 | 6.1 | -3.6 | -7.2 | 304.3 | 323.3 | 6.8 | 79.9 | 3.7 | 196. |
| 6.1 | 31.3 | 2810.5 | 825.0 | 7.4 | -7.6 | 35.3 | 3.6 | -2.1 | -3.0 | 307.6 | 316.5 | 3.0 | 33.9 | 4.0 | 197. |
| 7.4 | 33.8 | 3099.4 | 800.0 | 6.6 | -3.6 | 235.5 | 3.2 | 2.7 | 1.8 | 309.8 | 318.4 | 2.9 | 32.8 | 3.9 | 195. |
| 8.5 | 36.2 | 3396.6 | 775.0 | 4.2 | -9.3 | 239.7 | 4.9 | 4.2 | 2.5 | 310.3 | 318.8 | 2.8 | 36.8 | 3.7 | 192. |
| 9.4 | 38.7 | 3702.2 | 750.0 | 1.6 | -7.7 | 252.0 | 6.1 | 5.8 | 1.9 | 310.7 | 319.3 | 2.8 | 42.8 | 3.5 | 188. |
| 10.5 | 41.3 | 4016.6 | 725.0 | -1.3 | -13.2 | 268.5 | 7.8 | 7.2 | 2.8 | 311.0 | 319.5 | 2.8 | 50.7 | 3.4 | 181. |
| 11.3 | 44.0 | 4340.0 | 700.0 | -4.9 | -11.1 | 244.0 | 6.3 | 7.5 | 3.7 | 310.4 | 318.7 | 2.7 | 62.1 | 3.2 | 171. |
| 12.3 | 46.7 | 4673.3 | 675.0 | -7.8 | -11.2 | 237.5 | 9.4 | 7.9 | 5.0 | 310.6 | 319.4 | 2.6 | 76.9 | 3.0 | 161. |
| 13.3 | 49.4 | 5017.3 | 650.0 | -10.8 | -16.2 | 235.3 | 10.2 | 8.4 | 5.8 | 311.3 | 317.4 | 2.0 | 84.2 | 2.9 | 149. |
| 15.1 | 52.2 | 5378.0 | 625.0 | -12.6 | -25.7 | 230.3 | 11.4 | 9.8 | 7.0 | 313.2 | 316.2 | 0.9 | 32.4 | 3.0 | 135. |
| 16.1 | 55.1 | 5744.7 | 600.0 | -14.7 | -37.5 | 240.4 | 14.2 | 12.3 | 8.6 | 315.1 | 316.2 | 0.3 | 12.3 | 3.3 | 119. |
| 17.9 | 58.0 | 6131.4 | 575.0 | -16.4 | -53.4 | 245.3 | 15.7 | 14.2 | 6.6 | 317.7 | 317.9 | 0.1 | 2.4 | 4.2 | 104. |
| 19.2 | 61.1 | 6536.0 | 550.0 | -19.3 | -52.9 | 248.8 | 17.6 | 16.4 | 6.4 | 319.0 | 319.3 | 0.1 | 3.3 | 5.4 | 95. |
| 20.5 | 64.1 | 6958.7 | 525.0 | -21.9 | -53.8 | 249.0 | 19.2 | 17.9 | 6.9 | 320.9 | 321.1 | 0.1 | 3.6 | 6.9 | 69. |
| 22.3 | 67.4 | 7402.8 | 500.0 | -24.8 | -55.2 | 245.9 | 18.9 | 17.2 | 7.7 | 322.8 | 323.0 | 0.1 | 4.0 | 8.4 | 85. |
| 23.5 | 70.7 | 7868.6 | 475.0 | -28.8 | -58.6 | 247.5 | 19.1 | 17.6 | 7.5 | 323.5 | 323.7 | 0.0 | 5.7 | 10.0 | 82. |
| 25.1 | 74.1 | 8357.8 | 450.0 | -33.2 | -59.1 | 246.4 | 18.2 | 16.7 | 7.3 | 325.1 | 325.3 | 0.0 | 8.2 | 11.8 | 80. |
| 26.3 | 77.7 | 8878.2 | 425.0 | -37.4 | -62.4 | 244.1 | 18.2 | 16.4 | 7.9 | 326.6 | 326.8 | 0.0 | 9.9 | 13.5 | 78. |
| 28.5 | 81.4 | 9421.2 | 400.0 | -42.4 | -65.7 | 242.3 | 19.3 | 17.0 | 9.0 | 327.6 | 327.8 | 0.0 | 11.5 | 15.5 | 75. |
| 30.5 | 85.3 | 10004.0 | 375.0 | -46.7 | -69.9 | 243.8 | 20.6 | 16.6 | 10.2 | 329.0 | 329.2 | 0.0 | 13.5 | 17.5 | 72. |
| 32.4 | 89.3 | 10626.8 | 350.0 | -51.6 | -74.9 | 235.7 | 20.6 | 17.8 | 10.4 | 331.5 | 331.7 | 0.0 | 15.5 | 19.7 | 74. |
| 34.3 | 93.6 | 11303.6 | 325.0 | -56.8 | -79.9 | 235.9 | 22.4 | 18.2 | 12.3 | 333.6 | 333.8 | 0.0 | 17.5 | 22.4 | 72. |
| 37.2 | 98.4 | 12042.8 | 300.1 | -60.8 | -84.9 | 235.9 | 22.4 | 17.2 | 14.3 | 336.7 | 336.9 | 0.0 | 19.5 | 25.5 | 70. |
| 39.7 | 103.4 | 12973.6 | 275.0 | -64.3 | -89.9 | 244.3 | 22.5 | 20.3 | 16.3 | 340.7 | 340.9 | 0.0 | 21.5 | 28.5 | 68. |
| 42.5 | 108.4 | 13938.0 | 250.0 | -68.2 | -94.9 | 248.0 | 22.5 | 20.3 | 18.3 | 344.7 | 344.9 | 0.0 | 23.5 | 31.5 | 66. |
| 46.7 | 115.0 | 14991.9 | 225.0 | -72.2 | -99.9 | 249.0 | 22.5 | 20.3 | 20.3 | 348.7 | 348.9 | 0.0 | 25.5 | 34.5 | 64. |
| 50.2 | 122.0 | 16179.1 | 200.0 | -76.2 | -104.9 | 249.0 | 22.5 | 20.3 | 22.5 | 352.7 | 352.9 | 0.0 | 27.5 | 37.5 | 62. |
| 55.5 | 130.2 | 17447.8 | 175.0 | -80.2 | -109.9 | 249.0 | 22.5 | 20.3 | 24.5 | 356.7 | 356.9 | 0.0 | 29.5 | 40.5 | 60. |
| 62.3 | 140.0 | 20641.1 | 150.0 | -84.2 | -114.9 | 249.0 | 22.5 | 20.3 | 26.5 | 360.7 | 360.9 | 0.0 | 31.5 | 43.5 | 58. |
| 72.1 | 151.5 | 25372.2 | 125.0 | -88.2 | -119.9 | 249.0 | 22.5 | 20.3 | 28.5 | 364.7 | 364.9 | 0.0 | 33.5 | 46.5 | 56. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 365
 ALBUQUERQUE, NEW MEXICO

 19 APRIL 1979
 1100 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | WX MTO GM/KG | 3H PCT | RANGE KM | 4Z DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 22.2 | 1619.0 | 835.9 | 10.0 | -2.6 | 290.0 | 2.6 | 2.4 | -0.9 | 298.1 | 308.7 | 3.8 | 41.0 | 0.0 | 0. |
| 00.0 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.0 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.0 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.0 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.0 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.0 | 99.9 | 99.9 | 875.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.0 | 99.9 | 99.9 | 850.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.4 | 21.2 | 1728.3 | 825.0 | 12.6 | -1.4 | 271.1 | 1.9 | 1.9 | -0.0 | 302.0 | 313.9 | 4.2 | 37.7 | 0.3 | 116. |
| 1.7 | 25.7 | 1746.9 | 800.0 | 11.4 | -1.8 | 289.1 | 7.0 | 6.6 | -2.3 | 303.4 | 315.4 | 4.2 | 39.5 | 0.6 | 113. |
| 2.3 | 24.2 | 2251.0 | 775.0 | 8.9 | -2.9 | 289.9 | 7.6 | 7.5 | -1.4 | 303.4 | 314.9 | 4.0 | 43.3 | 1.0 | 111. |
| 3.3 | 30.7 | 2521.4 | 750.0 | 6.9 | -4.2 | 256.3 | 7.1 | 6.9 | 1.7 | 304.0 | 314.9 | 3.7 | 45.1 | 1.4 | 105. |
| 4.4 | 31.1 | 2708.9 | 725.0 | 4.2 | -5.6 | 248.7 | 8.3 | 7.7 | 3.0 | 304.1 | 314.2 | 3.5 | 48.7 | 1.8 | 98. |
| 5.4 | 34.7 | 3193.1 | 700.0 | 1.9 | -6.7 | 252.7 | 9.8 | 9.4 | 2.9 | 304.6 | 314.3 | 3.3 | 52.8 | 2.4 | 90. |
| 6.4 | 34.7 | 3375.3 | 675.0 | -0.3 | -12.3 | 253.1 | 12.8 | 12.3 | 3.7 | 305.3 | 312.3 | 2.2 | 40.6 | 3.0 | 87. |
| 7.4 | 41.4 | 3676.6 | 650.0 | -1.4 | -22.5 | 245.1 | 15.4 | 14.0 | 6.5 | 307.4 | 310.4 | 1.0 | 18.2 | 4.0 | 83. |
| 8.7 | 44.2 | 3708.1 | 625.0 | -3.1 | -24.2 | 238.0 | 17.0 | 14.5 | 9.0 | 308.9 | 311.7 | 0.9 | 17.6 | 5.0 | 78. |
| 9.7 | 47.2 | 4379.6 | 600.0 | -5.2 | -26.1 | 230.9 | 17.8 | 13.8 | 11.3 | 310.2 | 312.6 | 0.7 | 17.3 | 6.0 | 74. |
| 10.4 | 49.2 | 4662.8 | 575.0 | -7.0 | -28.2 | 221.6 | 19.1 | 12.7 | 14.3 | 311.8 | 313.9 | 0.6 | 16.4 | 7.1 | 69. |
| 11.7 | 52.9 | 4947.7 | 550.0 | -9.9 | -30.5 | 216.0 | 20.9 | 12.5 | 16.7 | 312.4 | 314.2 | 0.5 | 16.6 | 8.1 | 65. |
| 12.3 | 55.4 | 5144.6 | 525.0 | -12.5 | -31.9 | 214.7 | 21.6 | 12.4 | 17.9 | 313.4 | 315.1 | 0.5 | 17.8 | 9.4 | 61. |
| 14.1 | 51.9 | 5714.9 | 500.0 | -15.7 | -33.6 | 219.2 | 21.7 | 13.7 | 18.9 | 314.0 | 315.5 | 0.4 | 19.7 | 11.1 | 57. |
| 16.0 | 62.2 | 6299.5 | 475.0 | -19.4 | -36.3 | 225.1 | 23.0 | 16.3 | 19.2 | 315.2 | 316.5 | 0.4 | 18.8 | 13.3 | 54. |
| 18.1 | 65.3 | 6501.5 | 450.0 | -23.4 | -39.0 | 225.6 | 24.3 | 17.4 | 17.0 | 317.7 | 318.7 | 0.3 | 17.0 | 16.2 | 53. |
| 20.1 | 63.7 | 6922.7 | 425.0 | -23.2 | -39.7 | 228.2 | 24.3 | 17.8 | 15.9 | 319.2 | 320.4 | 0.3 | 22.6 | 19.0 | 52. |
| 21.7 | 72.1 | 7363.5 | 400.0 | -26.7 | -41.4 | 227.7 | 24.4 | 18.1 | 16.4 | 320.3 | 321.2 | 0.2 | 23.3 | 21.4 | 52. |
| 23.4 | 75.7 | 7726.3 | 375.0 | -30.2 | -45.5 | 225.9 | 26.8 | 19.2 | 18.7 | 321.7 | 322.3 | 0.2 | 20.6 | 23.9 | 51. |
| 24.4 | 79.4 | 8113.2 | 350.0 | -34.3 | -49.0 | 226.7 | 29.1 | 21.2 | 19.9 | 322.5 | 323.0 | 0.1 | 20.8 | 26.6 | 51. |
| 26.5 | 83.1 | 8427.1 | 325.0 | -39.7 | -53.9 | 228.5 | 28.6 | 21.4 | 19.0 | 323.3 | 323.9 | 99.9 | 99.9 | 29.3 | 50. |
| 28.1 | 87.3 | 9172.0 | 300.0 | -43.0 | -57.9 | 229.3 | 29.7 | 22.5 | 19.4 | 324.7 | 324.7 | 99.9 | 99.9 | 32.0 | 50. |
| 29.4 | 91.4 | 9553.1 | 275.0 | -47.1 | -61.9 | 229.3 | 34.7 | 25.3 | 22.6 | 327.0 | 327.0 | 99.9 | 99.9 | 35.4 | 50. |
| 32.7 | 95.4 | 10377.1 | 250.0 | -51.7 | -65.9 | 228.2 | 33.2 | 24.8 | 22.2 | 329.3 | 329.3 | 99.9 | 99.9 | 40.0 | 50. |
| 34.2 | 100.4 | 11253.3 | 225.0 | -56.4 | -69.9 | 231.9 | 32.9 | 25.9 | 20.3 | 332.1 | 332.1 | 99.9 | 99.9 | 44.3 | 50. |
| 36.1 | 105.6 | 11705.9 | 200.0 | -52.1 | -65.9 | 233.6 | 30.5 | 24.6 | 18.1 | 339.2 | 339.2 | 99.9 | 99.9 | 48.3 | 50. |
| 39.1 | 111.0 | 12431.1 | 175.0 | -57.5 | -69.9 | 237.4 | 30.7 | 23.9 | 16.5 | 355.0 | 355.0 | 99.9 | 99.9 | 54.2 | 51. |
| 42.4 | 115.6 | 13114.1 | 150.0 | -55.7 | -65.9 | 255.4 | 16.0 | 15.5 | 4.0 | 374.1 | 374.1 | 99.9 | 99.9 | 58.7 | 52. |
| 46.4 | 123.5 | 14765.8 | 125.0 | -58.0 | -69.9 | 251.5 | 14.6 | 13.8 | 4.6 | 389.9 | 389.9 | 99.9 | 99.9 | 61.3 | 53. |
| 50.1 | 131.7 | 16150.3 | 100.0 | -63.4 | -73.9 | 245.2 | 18.1 | 16.4 | 7.6 | 404.2 | 404.2 | 99.9 | 99.9 | 64.6 | 54. |
| 54.8 | 139.7 | 17112.0 | 75.0 | -63.4 | -73.9 | 258.4 | 13.1 | 12.6 | 3.5 | 440.0 | 440.0 | 99.9 | 99.9 | 68.5 | 55. |
| 61.5 | 150.0 | 20020.5 | 50.0 | -58.6 | -69.9 | 320.0 | 6.6 | 4.2 | -5.0 | 505.5 | 505.5 | 99.9 | 99.9 | 70.7 | 56. |
| 73.4 | 161.5 | 25048.2 | 25.0 | -51.3 | -69.9 | 271.1 | 9.3 | 9.3 | -0.2 | 637.6 | 637.6 | 99.9 | 99.9 | 73.3 | 58. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 365
ALBUQUERQUE, NEW MEXICO

19 APRIL 1979
1400 GMT

| TIME 419 | CNTCT | HEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DEG K | E POT T DEG K | MX RTO CM/KG | RM PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|-----------------|-----------|-------------|-----------|
| 0.0 | 21.5 | 1619.0 | 637.2 | 12.8 | -2.3 | 120.0 | 2.1 | -1.0 | 1.0 | 300.9 | 311.9 | 3.9 | 35.0 | 0.0 | 0. |
| 00.9 | 99.9 | 96.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.9 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.9 | 99.9 | 99.9 | 875.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.9 | 99.9 | 99.9 | 850.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.9 | 99.9 | 99.9 | 825.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.4 | 22.7 | 1762.2 | 825.0 | 12.0 | -1.0 | 309.4 | 4.8 | 3.7 | -3.0 | 301.3 | 313.6 | 4.3 | 40.4 | 0.1 | 165. |
| 1.3 | 25.1 | 1729.0 | 810.0 | 10.2 | -1.6 | 338.5 | 3.7 | 1.4 | -3.4 | 302.1 | 314.2 | 4.2 | 43.4 | 0.3 | 173. |
| 2.2 | 27.4 | 2752.7 | 775.0 | 8.9 | -1.9 | 272.2 | 3.5 | 3.5 | -0.1 | 303.4 | 315.7 | 4.3 | 46.6 | 0.4 | 160. |
| 3.2 | 30.1 | 2533.1 | 750.0 | 6.5 | -3.0 | 250.7 | 4.8 | 4.5 | 1.6 | 303.7 | 315.5 | 4.1 | 50.7 | 0.5 | 128. |
| 4.2 | 32.6 | 2413.5 | 725.0 | 4.1 | -3.8 | 259.6 | 5.8 | 5.7 | 1.0 | 304.0 | 315.5 | 4.0 | 58.1 | 0.7 | 109. |
| 5.3 | 35.2 | 3024.7 | 700.0 | 1.2 | -4.6 | 262.4 | 5.4 | 5.4 | 0.7 | 303.9 | 315.1 | 3.9 | 64.8 | 1.1 | 100. |
| 6.2 | 37.8 | 3356.3 | 675.0 | -1.3 | -7.9 | 260.0 | 7.6 | 7.4 | 1.8 | 304.2 | 313.4 | 3.1 | 60.6 | 1.4 | 95. |
| 7.3 | 40.4 | 3696.4 | 650.0 | -2.8 | -20.2 | 256.1 | 12.9 | 12.5 | 3.1 | 305.9 | 309.8 | 1.3 | 28.2 | 2.0 | 89. |
| 8.9 | 43.2 | 3996.4 | 625.0 | -3.8 | -25.7 | 251.1 | 18.5 | 15.6 | 5.3 | 308.1 | 310.6 | 0.8 | 18.3 | 3.3 | 83. |
| 10.1 | 45.9 | 4318.3 | 600.0 | -4.4 | -25.5 | 238.3 | 18.6 | 15.8 | 9.8 | 311.1 | 313.7 | 0.8 | 17.3 | 4.7 | 78. |
| 11.5 | 48.8 | 4552.7 | 575.0 | -6.0 | -26.8 | 226.7 | 20.6 | 15.0 | 14.1 | 312.9 | 315.4 | 3.7 | 17.4 | 6.2 | 72. |
| 12.5 | 51.6 | 4999.7 | 550.0 | -8.0 | -28.7 | 219.6 | 21.6 | 13.8 | 16.7 | 314.5 | 316.7 | 0.6 | 17.1 | 7.4 | 66. |
| 13.9 | 54.6 | 5350.8 | 525.0 | -11.1 | -29.6 | 220.1 | 23.7 | 14.5 | 17.2 | 315.1 | 317.2 | 0.6 | 19.8 | 8.9 | 61. |
| 15.1 | 57.4 | 5731.5 | 500.0 | -13.6 | -33.0 | 225.5 | 23.7 | 16.9 | 16.6 | 316.5 | 318.1 | 0.5 | 17.5 | 10.8 | 58. |
| 17.1 | 60.7 | 6114.8 | 475.0 | -16.1 | -30.6 | 227.3 | 24.6 | 18.1 | 16.6 | 318.1 | 320.2 | 0.6 | 21.2 | 13.4 | 54. |
| 19.0 | 63.9 | 6525.1 | 450.0 | -18.5 | -35.1 | 227.3 | 26.0 | 19.1 | 17.6 | 320.0 | 321.4 | 0.4 | 21.5 | 16.2 | 50. |
| 20.7 | 67.1 | 6949.4 | 425.0 | -21.2 | -37.8 | 229.0 | 26.8 | 19.3 | 16.8 | 321.8 | 323.0 | 0.3 | 23.7 | 18.8 | 53. |
| 22.3 | 70.5 | 7393.5 | 400.0 | -24.8 | -42.0 | 228.0 | 26.8 | 19.9 | 17.9 | 322.8 | 323.6 | 0.2 | 18.3 | 21.4 | 53. |
| 24.0 | 74.0 | 7859.4 | 375.0 | -28.5 | -45.2 | 227.9 | 26.6 | 19.8 | 17.8 | 323.8 | 324.5 | 0.2 | 18.2 | 24.0 | 52. |
| 25.5 | 77.6 | 8349.5 | 350.0 | -32.7 | -48.1 | 230.5 | 26.6 | 20.6 | 16.9 | 324.7 | 325.2 | 0.1 | 19.4 | 26.5 | 52. |
| 27.0 | 81.3 | 8866.7 | 325.0 | -37.1 | -51.6 | 229.8 | 24.5 | 18.7 | 15.8 | 325.5 | 325.9 | 0.1 | 23.4 | 28.7 | 52. |
| 28.4 | 85.1 | 9414.7 | 300.0 | -41.6 | 99.9 | 228.4 | 24.6 | 18.4 | 16.3 | 326.7 | 999.9 | 99.9 | 99.9 | 31.4 | 52. |
| 30.9 | 89.3 | 9998.4 | 275.0 | -46.5 | 99.9 | 228.3 | 24.8 | 20.0 | 17.8 | 327.9 | 999.9 | 99.9 | 99.9 | 34.5 | 51. |
| 33.7 | 93.7 | 10625.1 | 250.0 | -50.6 | 99.9 | 227.8 | 28.5 | 21.1 | 19.1 | 330.5 | 999.9 | 99.9 | 99.9 | 38.2 | 51. |
| 35.5 | 98.1 | 11303.6 | 225.0 | -55.6 | 99.9 | 231.7 | 27.5 | 21.6 | 17.1 | 333.3 | 999.9 | 99.9 | 99.9 | 42.2 | 51. |
| 37.9 | 103.2 | 12048.0 | 200.0 | -58.0 | 99.9 | 230.8 | 26.1 | 20.8 | 15.8 | 340.9 | 999.9 | 99.9 | 99.9 | 45.9 | 51. |
| 40.5 | 108.4 | 12795.1 | 175.0 | -54.2 | 99.9 | 229.8 | 24.7 | 23.2 | 8.5 | 360.5 | 999.9 | 99.9 | 99.9 | 49.9 | 52. |
| 43.6 | 114.0 | 13811.5 | 150.0 | -55.2 | 99.9 | 244.7 | 14.1 | 12.8 | 6.0 | 375.0 | 999.9 | 99.9 | 99.9 | 53.5 | 54. |
| 49.0 | 120.5 | 15339.5 | 125.0 | -57.8 | 99.9 | 230.3 | 14.1 | 10.8 | 9.0 | 390.3 | 999.9 | 99.9 | 99.9 | 56.3 | 53. |
| 53.2 | 127.7 | 16412.9 | 100.0 | -61.1 | 99.9 | 233.7 | 17.8 | 15.4 | 9.1 | 409.6 | 999.9 | 99.9 | 99.9 | 62.0 | 54. |
| 58.0 | 136.3 | 18215.5 | 75.0 | -61.9 | 99.9 | 258.9 | 11.9 | 11.7 | 2.3 | 443.2 | 999.9 | 99.9 | 99.9 | 66.1 | 54. |
| 66.2 | 148.5 | 23738.3 | 50.0 | -56.2 | 99.9 | 308.0 | 4.7 | 3.7 | -2.9 | 511.1 | 999.9 | 99.9 | 99.9 | 68.4 | 56. |
| 77.0 | 159.0 | 25227.7 | 25.0 | -46.7 | 99.9 | 25.2 | 6.6 | -2.8 | -0.6 | 650.3 | 999.9 | 99.9 | 99.9 | 69.3 | 58. |

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG

° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 365
ALBUQUERQUE, NEW MEXICO19 APRIL 1979
2000 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | OIR DEG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DEG K | E POT T DEG K | MX WTD CM/KG | RM PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|-----------------|-----------|-------------|-----------|
| 0.7 | 21.3 | 1619.0 | 835.8 | 21.1 | -2.7 | 240.0 | 2.6 | 2.3 | 1.3 | 309.7 | 320.9 | 3.8 | 20.0 | 0.0 | 0.0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 875.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 850.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 0.1 | 22.4 | 1730.4 | 825.0 | 16.6 | -1.0 | 231.9 | 1.4 | 1.1 | 0.9 | 306.1 | 318.6 | 4.3 | 30.1 | 0.1 | 57.0 |
| 1.3 | 24.9 | 1990.8 | 800.0 | 13.9 | -2.0 | 250.9 | 1.7 | 1.6 | 0.5 | 306.0 | 319.0 | 4.1 | 33.1 | 0.1 | 56.0 |
| 1.5 | 27.3 | 2257.3 | 775.0 | 11.6 | -3.7 | 249.8 | 2.1 | 2.0 | 0.7 | 306.3 | 317.9 | 4.0 | 35.7 | 0.2 | 66.0 |
| 2.2 | 29.9 | 2529.9 | 750.0 | 8.5 | -4.5 | 243.6 | 3.0 | 2.7 | 1.3 | 305.8 | 316.5 | 3.6 | 39.4 | 0.3 | 64.0 |
| 3.2 | 32.4 | 2938.5 | 725.0 | 5.2 | -5.7 | 249.2 | 4.5 | 4.2 | 1.6 | 305.2 | 315.3 | 3.5 | 45.1 | 0.5 | 64.0 |
| 4.1 | 35.7 | 3274.0 | 700.0 | 2.6 | -6.5 | 258.7 | 5.4 | 5.3 | 1.1 | 305.4 | 315.2 | 3.3 | 50.7 | 0.8 | 68.0 |
| 5.1 | 37.6 | 3346.6 | 675.0 | -0.9 | -7.2 | 265.2 | 7.2 | 7.2 | 0.6 | 304.6 | 313.6 | 3.1 | 57.8 | 1.2 | 73.0 |
| 6.5 | 40.3 | 3446.8 | 650.0 | -3.3 | -7.9 | 263.0 | 10.5 | 10.1 | 1.3 | 305.3 | 314.5 | 3.1 | 67.6 | 1.8 | 77.0 |
| 9.7 | 45.4 | 4115.1 | 600.0 | -7.9 | -9.3 | 250.2 | 13.9 | 13.1 | 4.7 | 306.9 | 315.9 | 3.0 | 86.2 | 2.6 | 76.0 |
| 10.2 | 48.7 | 4644.9 | 575.0 | -9.8 | -10.1 | 247.9 | 18.6 | 17.2 | 7.3 | 308.5 | 313.1 | 1.5 | 86.6 | 4.0 | 74.0 |
| 11.7 | 51.6 | 4947.5 | 550.0 | -13.4 | -10.1 | 245.8 | 23.0 | 21.0 | 9.6 | 311.7 | 313.6 | 0.6 | 17.9 | 5.7 | 72.0 |
| 12.5 | 54.5 | 5345.1 | 525.0 | -11.6 | -9.9 | 243.0 | 24.0 | 21.4 | 10.9 | 314.5 | 316.6 | 0.6 | 27.1 | 7.7 | 70.0 |
| 14.1 | 57.6 | 5716.9 | 500.0 | -14.2 | -10.7 | 243.8 | 25.1 | 22.5 | 11.1 | 315.7 | 317.7 | 0.6 | 33.2 | 9.9 | 68.0 |
| 15.4 | 60.5 | 6106.1 | 475.0 | -16.8 | -11.7 | 242.3 | 27.2 | 24.1 | 12.6 | 317.1 | 319.0 | 0.6 | 26.1 | 11.9 | 68.0 |
| 16.7 | 63.9 | 6507.7 | 450.0 | -17.6 | -13.9 | 237.7 | 29.3 | 26.8 | 15.7 | 319.7 | 320.3 | 0.5 | 26.5 | 14.1 | 67.0 |
| 18.4 | 67.1 | 6929.8 | 425.0 | -22.9 | -16.8 | 230.8 | 29.4 | 27.8 | 18.5 | 319.7 | 321.0 | 0.4 | 26.6 | 16.9 | 64.0 |
| 20.9 | 72.4 | 7372.9 | 400.0 | -25.4 | -18.0 | 227.8 | 27.4 | 20.1 | 18.7 | 322.0 | 323.0 | 0.3 | 23.9 | 19.7 | 62.0 |
| 21.9 | 74.1 | 7430.4 | 375.0 | -29.7 | -20.7 | 229.0 | 24.8 | 18.7 | 16.3 | 322.2 | 323.0 | 0.2 | 25.5 | 22.0 | 60.0 |
| 23.7 | 77.7 | 8173.0 | 350.0 | -34.1 | -24.7 | 232.4 | 25.9 | 20.5 | 15.8 | 322.7 | 323.3 | 0.2 | 26.4 | 24.1 | 60.0 |
| 24.4 | 81.5 | 8570.3 | 325.0 | -39.4 | -29.1 | 230.5 | 26.0 | 21.6 | 17.8 | 323.8 | 324.3 | 0.1 | 27.4 | 26.4 | 59.0 |
| 26.1 | 85.5 | 9133.0 | 300.0 | -43.4 | -30.9 | 228.0 | 26.8 | 19.9 | 17.9 | 324.2 | 324.9 | 99.9 | 999.9 | 29.2 | 58.0 |
| 27.3 | 89.5 | 9662.4 | 275.0 | -47.6 | -34.6 | 228.0 | 27.8 | 20.7 | 18.6 | 326.4 | 326.9 | 99.9 | 999.9 | 32.0 | 57.0 |
| 30.1 | 94.0 | 10585.8 | 250.0 | -53.1 | -39.9 | 232.5 | 30.6 | 24.3 | 18.6 | 327.2 | 327.9 | 99.9 | 999.9 | 36.2 | 54.0 |
| 34.2 | 98.5 | 11259.6 | 225.0 | -56.7 | -43.7 | 235.5 | 30.1 | 26.0 | 15.3 | 331.7 | 331.7 | 99.9 | 999.9 | 41.3 | 56.0 |
| 35.5 | 103.4 | 12007.6 | 200.0 | -55.6 | -43.7 | 229.9 | 22.5 | 17.2 | 14.5 | 344.7 | 344.7 | 99.9 | 999.9 | 45.3 | 56.0 |
| 36.7 | 108.4 | 12958.1 | 175.0 | -53.8 | -43.7 | 231.7 | 17.9 | 14.1 | 11.1 | 361.2 | 361.2 | 99.9 | 999.9 | 49.3 | 54.0 |
| 42.7 | 116.5 | 13961.6 | 150.0 | -47.3 | -39.9 | 228.6 | 18.5 | 12.6 | 10.7 | 371.4 | 371.4 | 99.9 | 999.9 | 52.8 | 54.0 |
| 45.7 | 121.0 | 14946.1 | 125.0 | -40.1 | -39.9 | 244.1 | 22.9 | 20.6 | 10.0 | 386.2 | 386.2 | 99.9 | 999.9 | 56.7 | 54.0 |
| 50.1 | 129.3 | 16379.8 | 100.0 | -40.4 | -39.9 | 251.2 | 20.1 | 19.0 | 6.5 | 411.1 | 411.1 | 99.9 | 999.9 | 62.7 | 57.0 |
| 55.7 | 136.7 | 18157.0 | 75.0 | -40.8 | -39.9 | 251.2 | 9.5 | 7.2 | 6.2 | 445.5 | 445.5 | 99.9 | 999.9 | 61.0 | 58.0 |
| 52.0 | 147.0 | 20490.6 | 50.0 | -37.1 | -39.9 | 263.0 | 3.5 | 3.5 | 0.4 | 509.0 | 509.0 | 99.9 | 999.9 | 68.6 | 58.0 |
| 74.5 | 159.0 | 25164.8 | 25.0 | -46.3 | -39.9 | 44.7 | 13.8 | -9.7 | -9.0 | 651.6 | 651.6 | 99.9 | 999.9 | 78.8 | 60.0 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 365
 ALBUQUERQUE, NEW MEXICO

 19 APRIL 1979
 2300 GMT

146 10. 0

| TIME | CONTACT | HEIGHT | PRES | TEMP | DEW PT | DIR | SPEED | U COMP | V COMP | POT T | E POT T | WIND | 3M | RANGE | AZ |
|------|---------|--------|--------|------|--------|-------|-------|--------|--------|-------|---------|-------|------|-------|------|
| MIN | | CGM | MB | DS C | DS C | DC | M/SEC | M/SEC | M/SEC | DS K | DS K | CM/KG | PCT | KV | DS |
| 0.1 | 21.2 | 1619.0 | 834.0 | 22.6 | -11.7 | 260.0 | 2.6 | 2.6 | -0.5 | 311.7 | 317.6 | 99.9 | 9.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 875.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 850.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 825.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 800.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 775.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 750.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 725.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 700.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 675.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 650.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 625.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 600.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 575.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 550.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 525.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 500.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 475.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 450.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 425.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 400.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 375.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 350.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 325.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 300.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 275.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 250.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 225.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 200.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 175.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 150.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 125.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

 * BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

 ORIGINAL PAGE IS
 OF POOR QUALITY

STATION NO. 365
ALBUQUERQUE, NEW MEXICO

20 APRIL 1979
215 GMT

145 10. 0

| TIME | CNCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | WX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 21.9 | 1619.0 | 835.0 | 19.3 | -12.6 | 280.0 | 6.2 | 6.1 | -1.1 | 306.9 | 312.2 | 1.7 | 11.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 875.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 850.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.2 | 22.6 | 1721.5 | 825.0 | 16.7* | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 306.3 | 306.3 | 99.9 | 99.9 | 99.9 | 99.9 |
| 1.3 | 25.3 | 1981.7 | 800.0 | 14.1 | -6.6 | 999.9 | 99.9 | 99.9 | 99.9 | 306.7 | 313.9 | 2.9 | 23.1 | 999.9 | 99.9 |
| 2.0 | 27.4 | 2248.5 | 775.0 | 11.9 | -9.5 | 999.9 | 99.9 | 99.9 | 99.9 | 306.7 | 313.9 | 2.4 | 21.5 | 999.9 | 99.9 |
| 2.9 | 30.3 | 2521.5 | 750.0 | 9.4 | -10.4 | 999.9 | 99.9 | 99.9 | 99.9 | 306.7 | 313.9 | 2.3 | 21.5 | 999.9 | 99.9 |
| 3.9 | 32.9 | 2801.1 | 725.0 | 7.2 | -13.6 | 999.9 | 99.9 | 99.9 | 99.9 | 307.3 | 313.0 | 1.6 | 21.1 | 999.9 | 99.9 |
| 4.6 | 35.5 | 3094.4 | 700.0 | 4.8 | -15.0 | 999.9 | 99.9 | 99.9 | 99.9 | 307.4 | 312.9 | 1.8 | 22.2 | 999.9 | 99.9 |
| 5.6 | 38.1 | 3393.0 | 675.0 | 1.6 | -14.9 | 999.9 | 99.9 | 99.9 | 99.9 | 307.4 | 312.9 | 1.6 | 22.1 | 999.9 | 99.9 |
| 6.5 | 40.4 | 3686.3 | 650.0 | 0.0 | -15.5 | 999.9 | 99.9 | 99.9 | 99.9 | 309.0 | 314.0 | 1.6 | 27.5 | 999.9 | 99.9 |
| 7.4 | 43.4 | 3979.2 | 625.0 | -2.4 | -19.1 | 999.9 | 99.9 | 99.9 | 99.9 | 309.7 | 314.0 | 1.6 | 26.4 | 999.9 | 99.9 |
| 9.3 | 46.3 | 4121.2 | 600.0 | -5.7 | -18.5 | 999.9 | 99.9 | 99.9 | 99.9 | 309.6 | 314.2 | 1.5 | 35.6 | 999.9 | 99.9 |
| 9.4 | 49.2 | 4653.1 | 575.0 | -8.6 | -18.6 | 999.9 | 99.9 | 99.9 | 99.9 | 307.9 | 314.7 | 1.5 | 44.0 | 999.9 | 99.9 |
| 10.3 | 52.1 | 4735.5 | 550.0 | -12.1 | -21.5 | 999.9 | 99.9 | 99.9 | 99.9 | 309.7 | 315.7 | 1.2 | 44.2 | 999.9 | 99.9 |
| 11.5 | 55.2 | 5349.2 | 525.0 | -15.6 | -24.9 | 999.9 | 99.9 | 99.9 | 99.9 | 309.7 | 312.8 | 1.0 | 44.4 | 999.9 | 99.9 |
| 12.6 | 58.3 | 5715.0 | 500.0 | -19.1 | -28.7 | 999.9 | 99.9 | 99.9 | 99.9 | 312.9 | 315.6 | 0.7 | 42.9 | 999.9 | 99.9 |
| 13.5 | 61.4 | 6094.9 | 475.0 | -21.8 | -38.0 | 999.9 | 99.9 | 99.9 | 99.9 | 311.1 | 312.1 | 0.3 | 21.2 | 999.9 | 99.9 |
| 14.5 | 64.6 | 6491.2 | 450.0 | -24.2 | -42.7 | 999.9 | 99.9 | 99.9 | 99.9 | 312.9 | 313.6 | 0.2 | 16.1 | 999.9 | 99.9 |
| 16.0 | 67.9 | 6906.0 | 425.0 | -26.6 | -44.6 | 999.9 | 99.9 | 99.9 | 99.9 | 315.0 | 315.6 | 0.2 | 16.2 | 999.9 | 99.9 |
| 18.2 | 71.3 | 7341.7 | 400.0 | -29.1 | -46.9 | 999.9 | 99.9 | 99.9 | 99.9 | 317.2 | 317.7 | 0.1 | 15.8 | 999.9 | 99.9 |
| 20.7 | 74.9 | 7801.6 | 375.0 | -30.5 | -50.9 | 999.9 | 99.9 | 99.9 | 99.9 | 321.2 | 321.7 | 0.1 | 15.6 | 999.9 | 99.9 |
| 23.2 | 78.6 | 8288.7 | 350.0 | -34.2 | -50.9 | 999.9 | 99.9 | 99.9 | 99.9 | 322.7 | 323.1 | 0.1 | 18.5 | 999.9 | 99.9 |
| 25.7 | 82.3 | 8802.7 | 325.0 | -38.7 | -54.1 | 999.9 | 99.9 | 99.9 | 99.9 | 325.3 | 323.6 | 0.1 | 17.7 | 999.9 | 99.9 |
| 26.9 | 86.4 | 9347.1 | 300.0 | -43.2 | -59.9 | 999.9 | 99.9 | 99.9 | 99.9 | 328.5 | 325.9 | 99.9 | 30.2 | 999.9 | 99.9 |
| 29.7 | 92.7 | 9926.6 | 275.0 | -48.1 | -64.1 | 999.9 | 99.9 | 99.9 | 99.9 | 325.6 | 325.6 | 99.9 | 33.4 | 999.9 | 99.9 |
| 30.9 | 95.0 | 10546.9 | 250.0 | -53.7 | -69.9 | 999.9 | 99.9 | 99.9 | 99.9 | 328.2 | 328.2 | 99.9 | 37.3 | 999.9 | 99.9 |
| 33.2 | 99.4 | 11215.4 | 225.0 | -58.6 | -74.9 | 999.9 | 99.9 | 99.9 | 99.9 | 328.6 | 328.6 | 99.9 | 42.4 | 999.9 | 99.9 |
| 35.8 | 104.4 | 11760.2 | 200.0 | -58.1 | -79.9 | 999.9 | 99.9 | 99.9 | 99.9 | 340.8 | 340.8 | 99.9 | 46.5 | 999.9 | 99.9 |
| 39.8 | 110.3 | 12303.6 | 175.0 | -57.1 | -84.9 | 999.9 | 99.9 | 99.9 | 99.9 | 355.7 | 355.7 | 99.9 | 50.7 | 999.9 | 99.9 |
| 42.2 | 116.3 | 13773.4 | 150.0 | -59.2 | -89.9 | 999.9 | 99.9 | 99.9 | 99.9 | 368.0 | 368.0 | 99.9 | 54.3 | 999.9 | 99.9 |
| 46.1 | 122.6 | 14915.7 | 125.0 | -59.4 | -94.9 | 999.9 | 99.9 | 99.9 | 99.9 | 387.5 | 387.5 | 99.9 | 60.0 | 999.9 | 99.9 |
| 50.5 | 130.3 | 16303.3 | 100.0 | -62.8 | -99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 406.4 | 406.4 | 99.9 | 67.4 | 999.9 | 99.9 |
| 54.8 | 139.0 | 18364.8 | 75.0 | -62.4 | -99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 442.0 | 442.0 | 99.9 | 67.4 | 999.9 | 99.9 |
| 62.2 | 149.5 | 20566.0 | 50.0 | -62.4 | -99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 496.4 | 496.4 | 99.9 | 69.2 | 999.9 | 99.9 |
| 75.7 | 162.0 | 25010.7 | 25.0 | -50.6 | -99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 639.1 | 639.1 | 99.9 | 69.5 | 999.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 365
ALBUQUERQUE, NEW MEXICO20 APRIL 1979
510 GMT

145 14. 0

| TIME MIN. | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | LW DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|--------------|-------|---------------|------------|--------------|----------------|----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.2 | 22.0 | 1619.0 | 837.5 | 13.3 | -12.8 | 340.0 | 4.6 | 1.6 | -4.3 | 301.4 | 306.5 | 1.7 | 15.0 | 0.0 | 0. |
| 00.9 | 99.9 | 99.9 | 1000.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.9 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.9 | 99.9 | 99.9 | 875.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.9 | 99.9 | 99.9 | 850.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.4 | 23.3 | 1745.1 | 825.0 | 11.9 | -9.1 | 348.4 | 9.7 | 1.9 | -9.5 | 301.1 | 308.0 | 2.3 | 22.1 | 0.3 | 170. |
| 1.7 | 25.7 | 2291.9 | 800.0 | 10.8 | -8.4 | 349.9 | 13.3 | 2.3 | -13.1 | 302.7 | 309.6 | 2.3 | 23.1 | 0.7 | 171. |
| 2.3 | 28.3 | 2265.4 | 775.0 | 9.8 | -10.5 | 340.1 | 12.8 | 4.4 | -12.1 | 303.3 | 309.9 | 2.2 | 24.3 | 1.4 | 165. |
| 2.7 | 30.9 | 2235.5 | 750.0 | 6.6 | -12.2 | 326.0 | 11.4 | 6.4 | -9.5 | 303.7 | 309.7 | 2.0 | 24.6 | 1.2 | 165. |
| 3.5 | 33.3 | 2112.4 | 725.0 | 4.3 | -13.7 | 315.1 | 10.4 | 7.4 | -7.4 | 308.1 | 303.7 | 1.8 | 25.6 | 2.4 | 159. |
| 4.4 | 36.0 | 3396.5 | 700.0 | 2.3 | -15.6 | 304.4 | 7.6 | 6.2 | -4.3 | 305.0 | 310.0 | 1.6 | 25.2 | 2.8 | 155. |
| 5.3 | 39.6 | 3348.8 | 675.0 | 0.1 | -20.8 | 278.9 | 8.9 | 8.8 | -1.4 | 305.7 | 309.1 | 1.1 | 18.9 | 3.1 | 150. |
| 6.4 | 41.3 | 3690.2 | 650.0 | -1.4 | -23.0 | 273.8 | 10.3 | 10.3 | -0.7 | 307.3 | 310.3 | 0.9 | 17.5 | 3.5 | 140. |
| 7.5 | 44.0 | 4721.4 | 625.0 | -3.3 | -22.1 | 259.8 | 10.4 | 10.2 | 1.8 | 308.6 | 311.9 | 1.0 | 21.6 | 4.3 | 133. |
| 8.3 | 46.9 | 4322.4 | 600.0 | -6.3 | -19.9 | 245.3 | 13.0 | 11.8 | 5.4 | 308.8 | 313.0 | 1.3 | 33.4 | 4.5 | 125. |
| 10.5 | 49.9 | 4053.4 | 575.0 | -9.6 | -16.3 | 242.2 | 12.1 | 10.7 | 5.7 | 308.7 | 314.5 | 1.9 | 53.0 | 5.7 | 110. |
| 10.5 | 52.6 | 4935.7 | 550.0 | -11.4 | -12.4 | 257.0 | 12.0 | 11.7 | 2.7 | 310.6 | 312.1 | 0.4 | 15.4 | 5.9 | 105. |
| 13.1 | 55.4 | 5351.1 | 525.0 | -13.5 | -32.9 | 273.0 | 12.9 | 12.8 | -0.7 | 312.2 | 313.4 | 0.4 | 14.7 | 6.9 | 102. |
| 14.4 | 58.9 | 5720.2 | 500.0 | -15.0 | -36.5 | 276.8 | 15.6 | 15.5 | -1.9 | 313.5 | 314.7 | 0.3 | 15.1 | 8.0 | 101. |
| 15.7 | 61.8 | 6104.6 | 475.0 | -18.8 | -38.5 | 271.3 | 16.7 | 16.7 | -0.4 | 314.8 | 315.7 | 0.3 | 15.3 | 9.2 | 100. |
| 17.2 | 65.1 | 6505.2 | 450.0 | -21.9 | -41.1 | 264.3 | 18.2 | 18.1 | 1.8 | 315.7 | 316.5 | 0.2 | 15.6 | 10.5 | 98. |
| 19.7 | 68.3 | 6923.2 | 425.0 | -24.9 | -43.2 | 253.2 | 19.9 | 19.1 | 5.8 | 317.2 | 317.9 | 0.2 | 15.2 | 12.4 | 96. |
| 20.6 | 71.7 | 7361.3 | 400.0 | -27.9 | -45.7 | 249.6 | 23.5 | 22.0 | 8.2 | 318.8 | 319.4 | 0.2 | 16.1 | 14.6 | 92. |
| 22.7 | 75.3 | 7322.7 | 375.0 | -30.9 | -48.2 | 251.0 | 26.0 | 24.6 | 8.5 | 320.7 | 321.1 | 0.1 | 16.4 | 17.5 | 88. |
| 24.7 | 79.9 | 8308.9 | 350.0 | -34.4 | -50.7 | 248.6 | 28.5 | 26.5 | 10.4 | 322.4 | 322.7 | 0.1 | 15.7 | 20.7 | 95. |
| 26.7 | 82.6 | 8322.6 | 325.0 | -39.8 | -54.5 | 245.7 | 27.4 | 24.9 | 11.3 | 323.2 | 323.4 | 0.1 | 17.1 | 23.9 | 83. |
| 28.6 | 86.4 | 7166.0 | 300.0 | -43.9 | -59.9 | 247.0 | 27.1 | 25.0 | 10.6 | 323.5 | 323.5 | 0.9 | 99.9 | 27.0 | 81. |
| 30.5 | 90.5 | 7144.0 | 275.0 | -48.9 | -64.9 | 248.1 | 27.8 | 25.4 | 10.3 | 324.6 | 324.6 | 99.9 | 99.9 | 30.2 | 79. |
| 32.4 | 95.0 | 10562.6 | 250.0 | -54.3 | -69.9 | 247.8 | 28.3 | 26.2 | 10.7 | 325.3 | 325.3 | 99.9 | 99.9 | 31.8 | 78. |
| 35.2 | 95.4 | 11231.2 | 225.0 | -57.9 | -74.9 | 248.0 | 31.7 | 29.4 | 11.8 | 325.3 | 325.3 | 99.9 | 99.9 | 37.9 | 77. |
| 38.1 | 10.1 | 11970.7 | 200.0 | -57.0 | -79.9 | 248.4 | 28.5 | 26.5 | 10.5 | 326.6 | 326.6 | 99.9 | 99.9 | 43.4 | 76. |
| 41.1 | 10.9 | 12025.4 | 175.0 | -52.9 | -84.9 | 226.3 | 21.1 | 15.2 | 14.6 | 326.7 | 326.7 | 99.9 | 99.9 | 47.8 | 75. |
| 44.1 | 11.5 | 13904.8 | 150.0 | -52.1 | -89.9 | 226.2 | 20.2 | 14.6 | 14.0 | 326.3 | 326.3 | 99.9 | 99.9 | 50.7 | 72. |
| 48.2 | 12.0 | 14344.5 | 125.0 | -55.8 | -94.9 | 256.6 | 21.3 | 20.7 | 5.0 | 326.8 | 326.8 | 99.9 | 99.9 | 55.3 | 72. |
| 52.0 | 129.0 | 16327.2 | 100.0 | -63.4 | -99.9 | 233.3 | 16.7 | 13.4 | 10.0 | 405.3 | 405.3 | 99.9 | 99.9 | 60.4 | 70. |
| 58.0 | 137.7 | 18086.5 | 75.0 | -62.2 | -99.9 | 247.8 | 13.4 | 12.4 | 5.1 | 442.6 | 442.6 | 99.9 | 99.9 | 64.5 | 70. |
| 66.2 | 147.7 | 20609.0 | 50.0 | -57.7 | -99.9 | 354.1 | 4.3 | 0.4 | -4.3 | 507.7 | 507.7 | 99.9 | 99.9 | 67.1 | 71. |
| 79.2 | 160.0 | 25342.2 | 25.0 | -50.2 | -99.9 | 299.2 | 5.6 | 4.9 | -2.7 | 640.4 | 640.4 | 99.9 | 99.9 | 67.0 | 73. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 365
ALBUQUERQUE, NEW MEXICO20 APRIL 1979
805 GMT

146 13. 0

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TFND DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO CM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 22.0 | 1619.0 | 838.5 | 10.0 | -10.7 | 340.0 | 6.2 | 2.1 | -5.6 | 297.8 | 303.7 | 2.0 | 22.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 875.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 850.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.3 | 23.4 | 1753.7 | 825.0 | 9.2 | -9.7 | 339.9 | 8.5 | 2.9 | -8.0 | 298.4 | 304.9 | 2.2 | 25.1 | 0.3 | 164. |
| 1.1 | 25.9 | 2209.0 | 800.0 | 10.1 | -9.8 | 340.6 | 9.7 | 3.2 | -9.2 | 301.9 | 308.6 | 2.3 | 23.6 | 0.6 | 162. |
| 1.9 | 28.4 | 2271.8 | 775.0 | 7.7 | -11.2 | 342.3 | 10.0 | 3.0 | -9.5 | 302.1 | 308.4 | 2.1 | 24.7 | 1.1 | 162. |
| 2.7 | 31.0 | 2540.6 | 750.0 | 5.6 | -12.4 | 331.8 | 10.7 | 5.1 | -9.4 | 302.7 | 308.6 | 2.0 | 25.8 | 1.6 | 162. |
| 3.5 | 33.6 | 2316.7 | 725.0 | 3.4 | -15.0 | 308.3 | 11.3 | 8.8 | -7.0 | 303.2 | 308.1 | 1.6 | 24.6 | 2.1 | 156. |
| 4.4 | 36.2 | 3100.0 | 700.0 | 1.4 | -16.4 | 290.6 | 12.3 | 11.5 | -4.3 | 304.0 | 308.7 | 1.5 | 25.2 | 2.7 | 147. |
| 5.4 | 39.0 | 3391.8 | 675.0 | 0.3 | -21.5 | 280.9 | 11.6 | 11.4 | -2.2 | 306.0 | 309.2 | 1.0 | 17.5 | 3.3 | 138. |
| 6.5 | 41.7 | 3693.9 | 650.0 | -1.3 | -23.0 | 273.8 | 11.1 | 11.0 | -0.7 | 307.5 | 310.4 | 0.9 | 17.3 | 3.8 | 132. |
| 7.5 | 44.4 | 4004.9 | 625.0 | -3.8 | -24.3 | 258.5 | 10.7 | 10.5 | 2.1 | 308.2 | 310.9 | 0.9 | 19.5 | 4.3 | 126. |
| 8.6 | 47.3 | 4325.5 | 600.0 | -6.2 | -26.3 | 253.7 | 11.3 | 10.9 | 3.2 | 308.9 | 311.3 | 0.7 | 18.5 | 4.7 | 120. |
| 9.5 | 50.3 | 4657.9 | 575.0 | -7.3 | -28.3 | 253.3 | 11.1 | 10.6 | 3.2 | 311.5 | 313.6 | 0.6 | 16.6 | 5.2 | 114. |
| 10.6 | 53.3 | 5022.3 | 550.0 | -10.4 | -30.2 | 250.4 | 11.6 | 11.2 | 2.7 | 311.8 | 313.6 | 0.6 | 17.8 | 5.8 | 110. |
| 11.6 | 56.3 | 5358.7 | 525.0 | -13.0 | -32.1 | 261.8 | 12.5 | 12.4 | 1.8 | 312.8 | 314.4 | 0.5 | 19.4 | 6.4 | 106. |
| 12.4 | 59.4 | 5728.8 | 500.0 | -15.4 | -34.2 | 259.5 | 14.5 | 14.2 | 2.6 | 314.3 | 315.7 | 0.4 | 19.2 | 7.3 | 103. |
| 14.1 | 62.6 | 6113.9 | 475.0 | -18.2 | -36.4 | 256.6 | 16.5 | 16.1 | 3.8 | 315.4 | 316.7 | 0.4 | 18.4 | 8.5 | 99. |
| 15.6 | 65.9 | 6515.1 | 450.0 | -21.1 | -38.7 | 256.3 | 16.7 | 16.2 | 4.2 | 316.7 | 317.8 | 0.3 | 18.6 | 9.8 | 99. |
| 17.0 | 69.4 | 6934.7 | 425.0 | -24.4 | -41.3 | 249.4 | 19.2 | 17.9 | 6.5 | 317.8 | 318.6 | 0.2 | 19.0 | 11.2 | 93. |
| 18.0 | 72.9 | 7373.1 | 400.0 | -28.1 | -44.0 | 245.6 | 23.1 | 21.0 | 9.5 | 318.5 | 319.2 | 0.2 | 20.0 | 12.9 | 89. |
| 20.0 | 76.6 | 7813.8 | 375.0 | -30.9 | -46.3 | 248.9 | 24.9 | 23.2 | 8.9 | 320.7 | 321.2 | 0.2 | 20.2 | 15.0 | 86. |
| 21.4 | 80.3 | 8319.8 | 350.0 | -34.7 | -49.2 | 252.3 | 25.5 | 24.3 | 7.7 | 322.0 | 322.5 | 0.1 | 20.9 | 17.2 | 84. |
| 23.4 | 84.3 | 8832.7 | 325.0 | -39.3 | -52.0 | 255.5 | 25.9 | 24.4 | 6.6 | 322.6 | 323.0 | 99.9 | 999.9 | 20.0 | 82. |
| 25.4 | 88.5 | 9374.9 | 300.0 | -44.3 | -55.0 | 248.3 | 27.2 | 25.3 | 10.1 | 323.0 | 323.9 | 99.9 | 999.9 | 23.1 | 81. |
| 27.5 | 92.9 | 9951.8 | 275.0 | -49.2 | -58.0 | 249.4 | 28.1 | 26.4 | 9.9 | 323.9 | 324.9 | 99.9 | 999.9 | 26.5 | 79. |
| 29.6 | 97.4 | 10570.4 | 250.0 | -53.8 | -61.0 | 247.8 | 30.8 | 28.5 | 11.6 | 326.0 | 326.9 | 99.9 | 999.9 | 30.1 | 78. |
| 32.0 | 102.4 | 11239.0 | 225.0 | -59.0 | -64.0 | 247.5 | 31.6 | 29.2 | 12.1 | 328.1 | 328.7 | 99.9 | 999.9 | 34.5 | 77. |
| 34.3 | 107.5 | 11773.9 | 200.0 | -62.4 | -66.3 | 247.4 | 28.5 | 26.4 | 10.9 | 338.7 | 339.9 | 99.9 | 999.9 | 38.9 | 75. |
| 36.9 | 113.1 | 1312.9 | 175.0 | -57.2 | -69.9 | 240.9 | 22.9 | 20.0 | 11.1 | 355.5 | 355.9 | 99.9 | 999.9 | 42.5 | 75. |
| 40.1 | 119.5 | 13786.7 | 150.0 | -59.2 | -72.0 | 237.5 | 23.7 | 20.0 | 12.7 | 369.8 | 369.9 | 99.9 | 999.9 | 47.0 | 73. |
| 44.0 | 126.3 | 14936.6 | 125.0 | -58.5 | -75.0 | 248.5 | 22.9 | 21.3 | 8.4 | 389.1 | 389.9 | 99.9 | 999.9 | 52.4 | 72. |
| 48.2 | 133.7 | 16329.3 | 100.0 | -61.8 | -78.0 | 234.4 | 16.9 | 13.8 | 9.8 | 408.4 | 408.9 | 99.9 | 999.9 | 56.8 | 71. |
| 53.1 | 142.3 | 18103.5 | 75.0 | -64.4 | -81.0 | 258.3 | 11.9 | 11.4 | 2.4 | 437.9 | 437.9 | 99.9 | 999.9 | 61.6 | 71. |
| 60.7 | 152.0 | 20612.0 | 50.0 | -61.9 | -84.0 | 340.4 | 4.2 | 1.4 | -4.0 | 497.6 | 497.9 | 99.9 | 999.9 | 63.7 | 71. |
| 73.1 | 162.3 | 25038.0 | 25.0 | -48.8 | -99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 644.8 | 644.8 | 99.9 | 999.9 | 65.1 | 73. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 365
ALBUQUERQUE, NEW MEXICO

20 APRIL 1979
1100 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | WX RTO CM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 20.6 | 1619.0 | 839.6 | 4.4 | -14.2 | 50.0 | 2.1 | -1.6 | -1.3 | 201.8 | 207.3 | 1.9 | 31.0 | 0.0 | 9. |
| 0.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 1.8 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 2.7 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 3.6 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 4.5 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 5.4 | 99.9 | 99.9 | 875.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 6.3 | 99.9 | 99.9 | 850.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 7.2 | 99.9 | 1762.5 | 825.0 | 7.4 | -9.5 | 349.7 | 6.1 | 1.1 | -6.0 | 296.4 | 302.9 | 2.3 | 29.9 | 0.2 | 22.0 |
| 8.1 | 22.1 | 2016.5 | 800.0 | 8.9 | -9.3 | 0.9 | 7.0 | -0.1 | -7.0 | 300.6 | 307.6 | 2.4 | 26.5 | 0.5 | 19.0 |
| 9.0 | 24.6 | 2016.5 | 775.0 | 6.4 | -11.2 | 359.9 | 7.9 | 0.0 | -7.9 | 300.7 | 307.0 | 2.1 | 27.0 | 0.9 | 16.8 |
| 9.9 | 27.1 | 2016.5 | 750.0 | 4.1 | -12.7 | 348.1 | 8.7 | 1.6 | -8.5 | 301.0 | 306.7 | 1.9 | 28.1 | 1.4 | 18.4 |
| 10.8 | 33.3 | 2323.2 | 725.0 | 2.2 | -14.4 | 325.5 | 10.1 | 5.7 | -8.3 | 303.4 | 308.3 | 1.7 | 27.9 | 1.9 | 17.7 |
| 11.7 | 32.2 | 3132.9 | 700.0 | 0.8 | -15.7 | 294.1 | 10.4 | 9.5 | -4.2 | 303.4 | 308.3 | 1.6 | 27.8 | 2.4 | 15.4 |
| 12.6 | 34.9 | 3132.9 | 675.0 | -0.0 | -21.1 | 280.8 | 9.7 | 9.5 | -1.8 | 305.6 | 308.9 | 1.0 | 19.6 | 2.0 | 15.3 |
| 13.5 | 37.6 | 3394.7 | 650.0 | -1.5 | -22.7 | 267.8 | 9.1 | 9.1 | 0.3 | 307.2 | 310.3 | 0.9 | 18.1 | 3.1 | 15.2 |
| 14.4 | 40.2 | 3596.0 | 625.0 | -4.2 | -24.3 | 263.8 | 10.3 | 10.3 | 1.1 | 307.6 | 310.4 | 0.9 | 19.1 | 3.4 | 13.7 |
| 15.3 | 43.1 | 4026.5 | 600.0 | -6.5 | -26.1 | 259.9 | 11.5 | 11.3 | 2.0 | 308.7 | 311.1 | 0.8 | 17.3 | 7.9 | 12.7 |
| 16.2 | 45.9 | 4324.3 | 575.0 | -9.2 | -28.5 | 259.1 | 11.4 | 11.2 | 2.2 | 310.4 | 312.5 | 0.6 | 17.5 | 4.4 | 12.0 |
| 17.1 | 48.3 | 4553.3 | 550.0 | -10.0 | -29.7 | 252.7 | 11.9 | 11.4 | 3.5 | 312.2 | 314.2 | 0.6 | 15.1 | 5.1 | 11.3 |
| 18.0 | 51.9 | 5022.5 | 525.0 | -13.0 | -31.6 | 251.1 | 12.9 | 12.2 | 4.2 | 312.8 | 315.5 | 0.5 | 19.1 | 5.9 | 10.6 |
| 18.9 | 54.8 | 5359.0 | 500.0 | -15.6 | -33.4 | 252.8 | 13.9 | 13.2 | 4.1 | 315.0 | 315.5 | 0.4 | 19.9 | 6.9 | 10.1 |
| 19.8 | 57.9 | 5728.8 | 475.0 | -19.4 | -36.2 | 251.1 | 14.9 | 14.1 | 4.8 | 315.2 | 316.4 | 0.4 | 19.2 | 7.9 | 9.7 |
| 20.7 | 61.0 | 6113.6 | 450.0 | -21.6 | -39.5 | 254.6 | 15.9 | 15.3 | 4.2 | 316.1 | 317.1 | 0.3 | 19.8 | 9.1 | 9.4 |
| 21.6 | 64.3 | 6515.0 | 425.0 | -25.3 | -41.2 | 253.3 | 17.3 | 16.6 | 5.0 | 316.6 | 317.4 | 0.2 | 20.8 | 10.4 | 9.1 |
| 22.5 | 67.7 | 6933.1 | 400.0 | -29.2 | -44.4 | 251.5 | 19.9 | 18.9 | 6.3 | 317.1 | 317.7 | 0.2 | 21.2 | 11.9 | 8.9 |
| 23.4 | 71.1 | 7369.9 | 375.0 | -31.6 | -46.5 | 256.2 | 23.4 | 22.7 | 5.6 | 319.8 | 320.5 | 0.2 | 21.0 | 13.8 | 8.6 |
| 24.3 | 74.9 | 7828.8 | 350.0 | -35.1 | -49.6 | 261.2 | 26.5 | 26.2 | 4.1 | 321.4 | 321.9 | 0.1 | 23.8 | 16.4 | 8.5 |
| 25.2 | 78.6 | 8313.8 | 325.0 | -39.1 | -53.1 | 255.6 | 27.4 | 26.5 | 6.8 | 322.7 | 322.7 | 99.9 | 99.9 | 19.6 | 8.5 |
| 26.1 | 82.4 | 8826.1 | 300.0 | -44.4 | -56.4 | 250.6 | 26.9 | 25.4 | 8.9 | 323.5 | 323.5 | 99.9 | 99.9 | 26.5 | 8.1 |
| 27.0 | 86.5 | 9344.5 | 275.0 | -49.6 | -59.9 | 251.1 | 27.2 | 25.8 | 8.8 | 323.5 | 323.5 | 99.9 | 99.9 | 30.2 | 8.0 |
| 27.9 | 90.5 | 9844.5 | 250.0 | -54.1 | -64.4 | 247.3 | 29.8 | 27.5 | 11.5 | 323.5 | 323.5 | 99.9 | 99.9 | 34.3 | 7.8 |
| 28.8 | 95.2 | 10362.3 | 225.0 | -59.2 | -69.9 | 246.2 | 29.7 | 27.2 | 12.0 | 323.5 | 323.5 | 99.9 | 99.9 | 38.7 | 7.7 |
| 29.7 | 100.0 | 11230.3 | 200.0 | -62.4 | -74.4 | 251.5 | 27.8 | 26.3 | 8.8 | 324.0 | 324.0 | 99.9 | 99.9 | 43.1 | 7.6 |
| 30.6 | 105.0 | 11761.7 | 175.0 | -65.4 | -79.9 | 250.5 | 24.9 | 23.5 | 8.3 | 324.0 | 324.0 | 99.9 | 99.9 | 47.8 | 7.6 |
| 31.5 | 110.4 | 12300.1 | 150.0 | -69.4 | -84.4 | 249.1 | 24.9 | 23.2 | 8.9 | 324.0 | 324.0 | 99.9 | 99.9 | 52.3 | 7.5 |
| 32.4 | 116.9 | 12862.0 | 125.0 | -74.4 | -89.9 | 253.7 | 25.3 | 24.3 | 7.1 | 324.0 | 324.0 | 99.9 | 99.9 | 56.8 | 7.5 |
| 33.3 | 123.3 | 13408.3 | 100.0 | -79.3 | -94.9 | 259.6 | 18.1 | 17.6 | 3.3 | 436.5 | 436.5 | 99.9 | 99.9 | 61.6 | 7.4 |
| 34.2 | 130.0 | 13966.1 | 75.0 | -84.4 | -99.9 | 263.2 | 8.6 | 8.5 | 1.0 | 436.5 | 436.5 | 99.9 | 99.9 | 65.8 | 7.4 |
| 35.1 | 139.0 | 14578.6 | 50.0 | -89.9 | -99.9 | 294.5 | 6.0 | 5.4 | -2.5 | 496.2 | 496.2 | 99.9 | 99.9 | 69.9 | 7.4 |
| 36.0 | 148.7 | 15176.0 | 25.0 | -94.9 | -99.9 | 290.3 | 8.6 | 8.0 | -3.0 | 641.2 | 641.2 | 99.9 | 99.9 | 74.0 | 7.4 |
| 36.9 | 154.5 | 15792.4 | 25.0 | -99.9 | -99.9 | 290.3 | 8.6 | 8.0 | -3.0 | 641.2 | 641.2 | 99.9 | 99.9 | 78.0 | 7.4 |

BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 433
SALEM, ILLINOIS

19 APRIL 1979
1105 GMT

106 14. 0

| TIME MIN | CNCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | NR STD CM/KG | 2M PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 6.6 | 175.0 | 1002.8 | 10.6 | 4.9 | 110.0 | 3.1 | -2.9 | 1.1 | 283.5 | 297.6 | 5.4 | 68.0 | 0.0 | 0. |
| 0.1 | 6.4 | 198.4 | 1000.0 | 11.3 | 4.9 | 128.4 | 9.0 | -7.0 | 5.6 | 288.5 | 298.6 | 5.4 | 64.5 | 0.1 | 329. |
| 0.2 | 9.2 | 410.5 | 975.0 | 12.9 | 0.7 | 146.2 | 11.7 | -6.5 | 9.7 | 288.1 | 299.2 | 4.1 | 43.4 | 0.5 | 315. |
| 1.7 | 11.6 | 628.9 | 950.0 | 13.1 | -0.2 | 159.1 | 8.6 | -3.1 | 8.0 | 290.5 | 301.4 | 4.0 | 40.0 | 1.0 | 324. |
| 2.5 | 14.0 | 952.7 | 925.0 | 12.6 | -0.4 | 182.4 | 5.1 | 0.2 | 5.1 | 292.2 | 300.5 | 3.0 | 30.1 | 1.4 | 329. |
| 3.1 | 16.4 | 1082.8 | 900.0 | 13.4 | -30.6 | 168.2 | 1.4 | -0.3 | 1.4 | 293.3 | 296.4 | 0.3 | 3.1 | 1.4 | 334. |
| 4.2 | 19.0 | 1319.3 | 875.0 | 12.4 | 3.3 | 33.8 | 1.3 | -0.7 | -1.1 | 296.7 | 312.0 | 5.6 | 53.9 | 1.4 | 332. |
| 5.2 | 21.4 | 1542.1 | 852.0 | 11.3 | 6.5 | 329.9 | 2.9 | 1.3 | -2.1 | 298.8 | 317.5 | 7.2 | 72.8 | 1.3 | 332. |
| 6.3 | 24.0 | 1911.1 | 823.0 | 9.7 | 7.0 | 329.9 | 2.9 | 1.5 | -2.5 | 298.8 | 319.7 | 7.7 | 83.6 | 1.2 | 334. |
| 5.4 | 26.5 | 2066.4 | 800.0 | 8.0 | 4.3 | 327.8 | 3.3 | 1.8 | -2.8 | 299.7 | 317.7 | 6.5 | 77.7 | 1.0 | 334. |
| 7.7 | 29.1 | 2327.9 | 775.0 | 6.1 | 1.5 | 307.4 | 3.3 | 2.6 | -2.0 | 300.4 | 315.7 | 5.5 | 72.0 | 0.8 | 336. |
| 9.7 | 31.4 | 2596.3 | 750.0 | 4.3 | 0.3 | 292.1 | 3.3 | 3.0 | -1.5 | 301.2 | 315.9 | 5.2 | 75.2 | 0.7 | 345. |
| 9.7 | 34.4 | 2971.6 | 725.0 | 2.3 | -2.4 | 292.1 | 3.8 | 3.5 | -1.4 | 302.3 | 314.6 | 4.4 | 71.2 | 0.6 | 1. |
| 10.5 | 37.1 | 3154.2 | 700.0 | -0.0 | -4.2 | 283.0 | 4.0 | 3.9 | -0.9 | 302.5 | 314.0 | 4.0 | 73.4 | 0.6 | 24. |
| 11.7 | 39.9 | 3445.0 | 675.0 | -1.0 | -14.5 | 255.2 | 4.0 | 3.8 | 1.0 | 304.5 | 310.1 | 1.9 | 35.6 | 0.7 | 42. |
| 12.7 | 42.7 | 3744.9 | 650.0 | -3.4 | -11.2 | 237.7 | 4.6 | 3.9 | 2.5 | 305.1 | 312.5 | 2.5 | 54.8 | 0.9 | 47. |
| 13.4 | 45.4 | 4053.9 | 625.0 | -5.5 | -14.4 | 229.1 | 5.3 | 4.0 | 3.4 | 306.2 | 312.3 | 2.0 | 49.3 | 1.3 | 49. |
| 14.3 | 48.4 | 4373.6 | 600.0 | -7.7 | -18.2 | 218.5 | 6.9 | 4.3 | 5.4 | 308.4 | 313.2 | 1.5 | 39.8 | 1.6 | 48. |
| 15.3 | 51.5 | 4705.1 | 575.0 | -8.5 | -21.9 | 217.1 | 9.8 | 5.9 | 7.8 | 310.1 | 313.7 | 1.1 | 32.6 | 2.2 | 45. |
| 17.2 | 54.5 | 5048.2 | 550.0 | -11.3 | -22.9 | 213.6 | 10.9 | 6.0 | 9.1 | 310.6 | 314.2 | 1.1 | 37.6 | 3.0 | 43. |
| 18.3 | 57.5 | 5403.4 | 525.0 | -14.0 | -26.1 | 209.0 | 10.5 | 5.1 | 9.2 | 311.6 | 314.4 | 0.9 | 35.0 | 3.7 | 40. |
| 19.3 | 60.9 | 5771.5 | 500.0 | -17.6 | -24.2 | 222.6 | 10.6 | 7.2 | 7.8 | 311.6 | 315.1 | 1.1 | 56.1 | 4.4 | 39. |
| 20.7 | 64.1 | 6156.2 | 475.0 | -16.7 | -17.0 | 248.7 | 10.7 | 10.0 | 3.9 | 317.3 | 324.0 | 2.1 | 97.7 | 5.2 | 41. |
| 22.1 | 67.4 | 6561.0 | 450.0 | -19.2 | -19.7 | 265.7 | 10.1 | 10.1 | 0.8 | 319.2 | 324.9 | 1.8 | 95.3 | 5.9 | 46. |
| 23.1 | 71.0 | 6993.6 | 425.0 | -22.6 | -23.7 | 264.6 | 8.9 | 8.9 | 0.8 | 320.0 | 324.4 | 1.3 | 90.4 | 6.5 | 51. |
| 24.6 | 74.6 | 7426.0 | 400.0 | -25.9 | -26.9 | 268.9 | 6.5 | 6.5 | 0.1 | 321.3 | 324.8 | 1.0 | 91.6 | 7.1 | 54. |
| 26.5 | 78.1 | 7890.3 | 375.0 | -29.7 | -31.0 | 272.0 | 5.0 | 5.0 | -0.2 | 322.3 | 324.9 | 0.8 | 83.0 | 7.5 | 56. |
| 28.2 | 82.1 | 8378.5 | 350.0 | -31.4 | -35.6 | 279.1 | 5.4 | 5.3 | -0.8 | 323.7 | 325.5 | 0.5 | 80.8 | 7.9 | 59. |
| 29.1 | 86.0 | 8994.2 | 325.0 | -37.8 | -40.2 | 281.5 | 5.1 | 5.0 | -1.0 | 324.7 | 325.9 | 0.3 | 77.4 | 8.3 | 61. |
| 31.7 | 90.2 | 9441.0 | 300.0 | -42.4 | -49.9 | 280.7 | 5.2 | 5.1 | -0.5 | 325.6 | 325.9 | 0.9 | 99.9 | 8.7 | 63. |
| 34.1 | 94.7 | 10222.0 | 275.0 | -47.9 | -53.1 | 274.5 | 6.9 | 6.9 | -0.5 | 325.9 | 325.9 | 0.9 | 99.9 | 9.3 | 66. |
| 37.1 | 99.3 | 10643.4 | 250.0 | -51.1 | -58.7 | 268.0 | 8.6 | 8.6 | 0.3 | 326.2 | 325.9 | 0.9 | 99.9 | 10.2 | 68. |
| 40.2 | 104.2 | 11313.9 | 225.0 | -58.7 | -64.2 | 267.1 | 7.6 | 7.6 | -1.6 | 326.6 | 325.9 | 0.9 | 99.9 | 11.3 | 70. |
| 43.1 | 109.5 | 12043.3 | 200.0 | -64.2 | -69.9 | 278.2 | 11.0 | 10.9 | -0.1 | 331.2 | 325.9 | 0.9 | 99.9 | 12.4 | 72. |
| 46.1 | 115.3 | 12957.4 | 175.0 | -65.3 | -69.9 | 290.7 | 17.3 | 16.2 | -6.1 | 342.1 | 325.9 | 0.9 | 99.9 | 14.4 | 77. |
| 49.1 | 121.5 | 13798.3 | 150.0 | -65.0 | -69.9 | 300.3 | 18.7 | 16.2 | -9.5 | 358.2 | 325.9 | 0.9 | 99.9 | 16.1 | 85. |
| 52.0 | 129.3 | 14916.5 | 125.0 | -53.2 | -69.9 | 290.4 | 22.0 | 20.6 | -7.7 | 380.5 | 325.9 | 0.9 | 99.9 | 21.2 | 91. |
| 55.0 | 136.3 | 16290.2 | 100.0 | -64.1 | -69.9 | 299.1 | 18.1 | 15.8 | -8.8 | 400.0 | 325.9 | 0.9 | 99.9 | 26.6 | 96. |
| 58.0 | 145.5 | 18049.0 | 75.0 | -61.9 | -69.9 | 305.6 | 11.5 | 9.4 | -6.7 | 443.1 | 325.9 | 0.9 | 99.9 | 30.9 | 99. |
| 61.0 | 156.7 | 20566.6 | 50.0 | -57.7 | -69.9 | 319.3 | 6.3 | 4.1 | -4.8 | 505.5 | 325.9 | 0.9 | 99.9 | 35.8 | 104. |
| 64.0 | 166.7 | 25319.8 | 25.0 | -46.8 | -69.9 | 285.8 | 8.7 | 8.3 | -2.4 | 650.5 | 325.9 | 0.9 | 99.9 | 38.1 | 106. |

30 SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
31 TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
32 30 SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 433
SALEM, ILLINOIS19 APRIL 1979
1405 GMT

161 13. 0

| TIME MIN | CNTCT | HEIGHT SPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | WX RTD GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 6.8 | 175.0 | 1003.6 | 13.3 | 5.7 | 120.0 | 3.6 | -3.1 | 1.5 | 286.2 | 301.2 | 5.7 | 60.0 | 0.0 | 0. |
| 0.2 | 7.2 | 205.2 | 1020.0 | 12.9 | 99.9 | 155.3 | 8.6 | -3.6 | 7.8 | 286.1 | 999.9 | 99.9 | 999.9 | 0.1 | 309. |
| 1.0 | 9.4 | 417.1 | 975.0 | 12.1 | 2.1 | 161.5 | 10.1 | -3.7 | 9.6 | 287.3 | 299.6 | 4.6 | 50.7 | 0.4 | 323. |
| 1.4 | 11.6 | 635.2 | 950.0 | 12.8 | -0.2 | 168.5 | 9.8 | -2.0 | 9.6 | 290.2 | 300.9 | 4.0 | 40.7 | 0.9 | 339. |
| 2.4 | 13.9 | 453.5 | 925.0 | 11.4 | -2.3 | 172.8 | 6.9 | -3.9 | 6.8 | 270.9 | 300.6 | 3.5 | 38.4 | 1.3 | 347. |
| 3.4 | 16.2 | 1287.5 | 900.0 | 12.7 | -19.4 | 175.2 | 3.0 | 0.4 | 2.9 | 294.6 | 297.4 | 0.9 | 9.2 | 1.5 | 346. |
| 4.2 | 14.5 | 1244.3 | 875.0 | 12.9 | 3.9 | 255.7 | 1.1 | 1.1 | 0.3 | 297.2 | 313.1 | 5.8 | 58.6 | 1.6 | 347. |
| 5.0 | 20.4 | 1547.3 | 850.0 | 11.2 | 6.6 | 289.8 | 1.3 | 1.2 | -0.4 | 297.9 | 317.5 | 7.2 | 73.2 | 1.5 | 348. |
| 6.0 | 27.2 | 1316.1 | 825.0 | 9.4 | 3.9 | 347.9 | 0.9 | 0.2 | -0.9 | 298.5 | 315.5 | 6.2 | 68.8 | 1.5 | 350. |
| 6.9 | 25.5 | 2271.1 | 800.0 | 7.5 | 5.0 | 330.7 | 1.2 | 0.6 | -1.0 | 299.2 | 318.0 | 6.0 | 64.0 | 1.6 | 349. |
| 7.3 | 24.1 | 2332.2 | 775.0 | 5.8 | 4.0 | 280.7 | 2.5 | 2.4 | -0.5 | 300.0 | 318.3 | 6.6 | 88.4 | 1.4 | 353. |
| 8.4 | 30.6 | 2600.2 | 750.0 | 4.0 | 0.3 | 276.2 | 3.9 | 3.7 | -0.4 | 300.9 | 315.6 | 5.2 | 77.2 | 1.4 | 1. |
| 9.4 | 31.1 | 2475.2 | 725.0 | 2.4 | -5.3 | 285.8 | 4.2 | 4.0 | -1.1 | 302.1 | 312.3 | 3.5 | 55.6 | 1.3 | 12. |
| 11.1 | 35.7 | 3158.0 | 700.0 | 0.5 | -9.1 | 274.8 | 4.1 | 4.1 | -0.3 | 303.1 | 311.2 | 2.8 | 48.7 | 1.4 | 24. |
| 12.2 | 39.3 | 3448.9 | 675.0 | -1.6 | -11.9 | 258.3 | 5.0 | 4.9 | 1.0 | 303.9 | 310.7 | 2.3 | 45.2 | 1.5 | 34. |
| 13.4 | 41.0 | 3749.3 | 650.0 | -3.4 | -11.8 | 236.8 | 5.0 | 4.2 | 2.8 | 305.1 | 312.2 | 2.4 | 52.2 | 1.9 | 40. |
| 14.4 | 43.7 | 4057.5 | 625.0 | -5.6 | -11.0 | 224.7 | 5.4 | 3.8 | 3.9 | 306.0 | 313.9 | 2.6 | 65.7 | 2.1 | 41. |
| 15.6 | 45.4 | 4377.1 | 600.0 | -7.0 | -12.7 | 225.2 | 9.3 | 6.6 | 6.6 | 308.0 | 315.3 | 2.4 | 64.7 | 2.6 | 42. |
| 16.7 | 47.2 | 4709.4 | 575.0 | -9.4 | -11.9 | 232.1 | 13.1 | 10.4 | 8.1 | 309.7 | 317.8 | 2.7 | 78.1 | 3.4 | 43. |
| 18.0 | 52.1 | 5051.6 | 550.0 | -11.1 | -11.5 | 248.2 | 10.5 | 9.9 | 3.9 | 310.9 | 319.6 | 2.9 | 97.5 | 4.3 | 46. |
| 19.2 | 55.0 | 5324.4 | 525.0 | -12.7 | -12.9 | 250.3 | 9.8 | 9.6 | 2.0 | 313.2 | 321.4 | 2.7 | 92.1 | 5.0 | 51. |
| 20.7 | 58.0 | 5779.5 | 500.0 | -14.8 | -16.0 | 260.8 | 9.0 | 9.0 | -1.6 | 315.0 | 322.1 | 2.2 | 90.5 | 5.6 | 54. |
| 21.7 | 61.1 | 6166.5 | 475.0 | -17.3 | -19.6 | 279.7 | 9.3 | 9.1 | -1.6 | 316.6 | 322.1 | 1.7 | 82.0 | 6.1 | 59. |
| 23.1 | 64.3 | 6569.8 | 450.0 | -20.1 | -23.2 | 260.8 | 7.9 | 7.8 | 1.3 | 318.0 | 322.2 | 1.3 | 76.2 | 6.7 | 62. |
| 24.5 | 67.6 | 6971.5 | 425.0 | -22.8 | -25.9 | 240.8 | 7.3 | 6.7 | 2.9 | 319.9 | 323.1 | 1.0 | 64.2 | 7.3 | 63. |
| 26.7 | 71.0 | 7433.3 | 400.0 | -25.2 | -31.3 | 250.4 | 7.1 | 6.7 | 2.4 | 320.9 | 323.3 | 0.7 | 62.1 | 7.9 | 63. |
| 27.4 | 74.4 | 7937.5 | 375.0 | -27.4 | -34.7 | 230.0 | 5.8 | 4.5 | 3.7 | 322.6 | 324.5 | 0.5 | 59.7 | 8.5 | 63. |
| 29.2 | 78.1 | 8445.9 | 350.0 | -31.4 | -39.5 | 229.8 | 5.1 | 3.9 | 3.3 | 323.8 | 325.0 | 0.3 | 53.8 | 9.0 | 62. |
| 30.0 | 81.8 | 8902.0 | 325.0 | -37.6 | -43.6 | 248.0 | 4.6 | 4.3 | 1.7 | 324.9 | 325.8 | 0.2 | 53.0 | 9.5 | 62. |
| 32.7 | 85.8 | 9344.9 | 300.0 | -42.3 | -49.9 | 252.6 | 4.0 | 3.8 | 1.2 | 325.7 | 999.9 | 99.9 | 999.9 | 10.0 | 63. |
| 34.4 | 90.0 | 10029.9 | 275.0 | -47.8 | -54.9 | 247.3 | 3.9 | 3.6 | 1.5 | 326.1 | 999.9 | 99.9 | 999.9 | 10.4 | 63. |
| 36.7 | 94.3 | 10652.2 | 250.0 | -52.9 | -59.2 | 258.7 | 7.5 | 7.3 | 1.7 | 327.4 | 999.9 | 99.9 | 999.9 | 11.0 | 63. |
| 39.4 | 98.4 | 11374.2 | 225.0 | -57.6 | -64.9 | 270.8 | 8.4 | 8.4 | -1.0 | 330.3 | 999.9 | 99.9 | 999.9 | 12.1 | 65. |
| 41.2 | 103.4 | 12059.1 | 200.0 | -62.6 | -69.9 | 280.0 | 9.6 | 9.3 | -2.7 | 333.7 | 999.9 | 99.9 | 999.9 | 13.0 | 69. |
| 43.1 | 104.2 | 12673.7 | 175.0 | -65.7 | -73.9 | 293.7 | 14.2 | 13.0 | -5.7 | 341.6 | 999.9 | 99.9 | 999.9 | 14.6 | 73. |
| 45.9 | 115.0 | 13418.6 | 150.0 | -61.9 | -69.9 | 296.5 | 17.0 | 15.2 | -7.6 | 363.5 | 999.9 | 99.9 | 999.9 | 16.7 | 80. |
| 50.4 | 121.5 | 14944.2 | 125.0 | -63.1 | -69.9 | 298.1 | 21.2 | 19.0 | -9.3 | 380.8 | 999.9 | 99.9 | 999.9 | 20.2 | 87. |
| 56.5 | 129.7 | 16317.4 | 100.0 | -64.1 | -69.9 | 297.0 | 17.7 | 15.8 | -8.1 | 404.0 | 999.9 | 99.9 | 999.9 | 24.7 | 93. |
| 59.0 | 137.3 | 13048.9 | 75.0 | -61.6 | -69.9 | 313.9 | 10.1 | 7.3 | -7.0 | 443.8 | 999.9 | 99.9 | 999.9 | 28.7 | 97. |
| 67.0 | 147.5 | 20412.9 | 50.0 | -58.8 | -69.9 | 320.9 | 5.9 | 3.7 | -4.5 | 505.1 | 999.9 | 99.9 | 999.9 | 30.5 | 101. |
| 79.0 | 160.0 | 25102.6 | 25.0 | -46.5 | -69.9 | 999.9 | 99.9 | 99.9 | 99.9 | 651.0 | 999.9 | 99.9 | 999.9 | 33.6 | 104. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 433
SALEM, ILLINOIS19 APRIL 1979
1705 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DEG K | E POT T DEG K | MX RTO GM/KG | 3M PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|-----------------|-----------|-------------|-----------|
| 0.0 | 0.6 | 175.0 | 1003.1 | 18.4 | 4.6 | 150.0 | 5.1 | -2.6 | 4.4 | 291.3 | 305.5 | 5.3 | 40.0 | 0.0 | 0. |
| 0.1 | 6.9 | 201.5 | 1000.0 | 18.2 | 2.7 | 143.4 | 5.0 | -3.0 | 4.0 | 291.3 | 304.0 | 4.7 | 35.6 | 0.1 | 339. |
| 0.7 | 9.1 | 417.5 | 975.0 | 16.5 | 3.2 | 136.7 | 4.9 | -3.4 | 3.6 | 291.8 | 305.1 | 4.9 | 40.9 | 0.3 | 320. |
| 1.4 | 11.4 | 637.8 | 950.0 | 14.3 | 2.8 | 135.1 | 5.1 | -3.6 | 3.6 | 291.8 | 305.1 | 5.0 | 45.8 | 0.5 | 320. |
| 2.1 | 13.7 | 862.1 | 925.0 | 12.4 | -2.7 | 162.3 | 4.3 | -1.3 | 4.1 | 292.0 | 301.6 | 3.5 | 35.4 | 0.7 | 319. |
| 2.9 | 10.1 | 1022.4 | 900.0 | 14.9 | -3.5 | 214.9 | 3.8 | 2.2 | 3.1 | 290.9 | 306.4 | 3.3 | 28.3 | 0.8 | 323. |
| 3.8 | 18.5 | 1330.6 | 875.0 | 13.8 | 6.0 | 235.0 | 3.8 | 3.1 | 2.2 | 298.1 | 316.5 | 6.7 | 59.4 | 0.9 | 343. |
| 4.7 | 20.9 | 1574.4 | 850.0 | 11.8 | 6.5 | 236.9 | 3.5 | 2.9 | 1.9 | 298.5 | 318.1 | 7.2 | 70.1 | 0.9 | 343. |
| 5.7 | 23.4 | 1833.7 | 825.0 | 9.9 | 5.7 | 224.0 | 3.3 | 2.3 | 2.4 | 299.1 | 318.2 | 7.0 | 75.4 | 1.0 | 4. |
| 6.3 | 25.9 | 2079.1 | 800.0 | 9.2 | 6.3 | 209.5 | 3.0 | 1.5 | 2.6 | 299.9 | 320.6 | 7.6 | 87.9 | 1.2 | 7. |
| 7.5 | 28.4 | 2341.0 | 775.0 | 6.3 | 2.9 | 227.9 | 3.7 | 2.7 | 2.5 | 303.6 | 312.6 | 6.1 | 79.2 | 1.4 | 12. |
| 8.4 | 31.9 | 2409.3 | 750.0 | 4.2 | 3.3 | 235.7 | 4.1 | 3.4 | 2.3 | 301.1 | 319.1 | 6.5 | 93.9 | 1.5 | 17. |
| 9.2 | 33.7 | 2494.7 | 725.0 | 2.5 | -2.3 | 240.2 | 3.9 | 3.4 | 1.9 | 302.3 | 315.0 | 4.5 | 70.6 | 1.7 | 22. |
| 10.4 | 36.3 | 3167.6 | 700.0 | 0.0 | -2.4 | 238.5 | 4.3 | 3.6 | 2.2 | 302.5 | 315.6 | 4.6 | 84.0 | 1.9 | 27. |
| 11.5 | 39.0 | 3458.2 | 675.0 | -1.4 | -3.3 | 226.6 | 5.5 | 4.0 | 3.8 | 304.1 | 315.2 | 3.8 | 74.7 | 2.2 | 31. |
| 12.6 | 41.8 | 3758.1 | 650.0 | -3.7 | -3.8 | 219.9 | 8.1 | 5.2 | 6.2 | 304.8 | 313.8 | 3.0 | 67.7 | 2.6 | 32. |
| 13.5 | 44.6 | 4067.8 | 625.0 | -5.1 | -7.5 | 225.3 | 10.2 | 7.3 | 7.2 | 306.7 | 310.9 | 3.5 | 83.4 | 3.2 | 36. |
| 14.7 | 47.4 | 4388.5 | 600.0 | -7.8 | -6.3 | 243.6 | 9.9 | 8.9 | 4.4 | 309.4 | 321.2 | 4.0 | 98.4 | 3.8 | 37. |
| 15.3 | 50.4 | 4721.5 | 575.0 | -7.5 | -8.2 | 263.1 | 8.9 | 4.9 | 1.1 | 311.2 | 321.9 | 3.6 | 94.8 | 4.4 | 42. |
| 16.7 | 53.4 | 5066.3 | 550.0 | -9.7 | -13.3 | 282.5 | 8.9 | 8.7 | -1.9 | 312.5 | 320.2 | 2.5 | 75.2 | 4.7 | 48. |
| 19.2 | 56.5 | 5824.7 | 525.0 | -11.6 | -16.3 | 302.7 | 9.2 | 7.7 | -5.0 | 314.5 | 322.0 | 2.4 | 80.0 | 5.1 | 55. |
| 19.5 | 59.5 | 5797.4 | 500.0 | -13.9 | -18.6 | 313.0 | 9.1 | 6.7 | -6.2 | 316.1 | 321.7 | 1.8 | 67.1 | 5.3 | 62. |
| 22.7 | 62.9 | 6195.1 | 475.0 | -15.6 | -21.8 | 308.6 | 8.8 | 6.9 | -5.5 | 317.4 | 322.0 | 1.4 | 64.1 | 5.6 | 69. |
| 22.1 | 65.1 | 6599.8 | 450.0 | -19.5 | -24.1 | 310.1 | 8.3 | 6.3 | -5.3 | 318.8 | 322.7 | 1.2 | 66.7 | 5.9 | 74. |
| 23.4 | 68.6 | 7011.7 | 425.0 | -23.0 | -27.6 | 302.5 | 7.1 | 6.0 | -3.8 | 319.5 | 322.7 | 0.9 | 65.8 | 6.3 | 79. |
| 26.7 | 71.1 | 7454.1 | 400.0 | -25.6 | -30.3 | 279.1 | 6.6 | 6.5 | -1.0 | 321.7 | 323.5 | 0.5 | 43.8 | 6.8 | 81. |
| 26.4 | 74.7 | 7918.6 | 375.0 | -27.6 | -37.7 | 269.9 | 6.4 | 6.4 | 0.1 | 323.5 | 323.9 | 0.4 | 44.8 | 7.4 | 83. |
| 28.7 | 80.5 | 8407.5 | 350.0 | -33.0 | -40.1 | 247.5 | 7.8 | 7.2 | 3.0 | 324.2 | 323.4 | 0.3 | 49.0 | 8.0 | 82. |
| 29.4 | 83.5 | 8925.1 | 325.0 | -36.9 | -43.6 | 244.6 | 6.9 | 6.2 | 2.9 | 325.8 | 326.5 | 0.2 | 34.4 | 8.6 | 80. |
| 31.4 | 83.7 | 9473.4 | 300.0 | -41.8 | -49.9 | 239.8 | 5.5 | 4.7 | 2.8 | 326.5 | 326.5 | 0.9 | 99.9 | 9.4 | 79. |
| 33.4 | 93.0 | 10056.3 | 275.0 | -46.6 | -54.9 | 228.0 | 7.4 | 5.5 | 4.9 | 327.7 | 327.9 | 9.9 | 99.9 | 10.0 | 77. |
| 35.2 | 97.5 | 10681.1 | 250.0 | -52.1 | -59.9 | 250.5 | 8.1 | 7.7 | 2.7 | 328.6 | 328.6 | 9.9 | 99.9 | 10.8 | 76. |
| 37.3 | 102.4 | 11355.2 | 225.0 | -57.5 | -65.9 | 269.9 | 8.8 | 8.0 | 0.0 | 330.5 | 330.5 | 9.9 | 99.9 | 11.8 | 76. |
| 39.7 | 107.6 | 12090.9 | 200.0 | -62.2 | -69.9 | 282.9 | 11.9 | 11.6 | -2.6 | 334.2 | 334.2 | 9.9 | 99.9 | 13.3 | 79. |
| 42.3 | 113.3 | 12909.3 | 175.0 | -64.5 | -74.9 | 292.8 | 14.3 | 13.2 | -5.5 | 343.5 | 343.5 | 9.9 | 99.9 | 15.0 | 83. |
| 45.3 | 119.3 | 13559.7 | 150.0 | -61.9 | -72.9 | 293.5 | 20.6 | 18.9 | -8.2 | 363.5 | 363.5 | 9.9 | 99.9 | 17.8 | 88. |
| 48.7 | 126.0 | 14981.6 | 125.0 | -63.6 | -74.9 | 293.7 | 20.3 | 18.6 | -8.1 | 379.9 | 379.9 | 9.9 | 99.9 | 21.9 | 93. |
| 52.9 | 133.7 | 16356.2 | 100.0 | -62.5 | -74.9 | 300.2 | 13.7 | 11.9 | -6.9 | 407.0 | 407.0 | 9.9 | 99.9 | 25.7 | 96. |
| 54.2 | 142.3 | 18116.3 | 75.0 | -60.7 | -74.9 | 313.5 | 9.2 | 6.6 | -6.3 | 445.6 | 445.6 | 9.9 | 99.9 | 29.1 | 100. |
| 65.9 | 152.5 | 20681.7 | 50.0 | -55.6 | -74.9 | 319.3 | 6.2 | 4.1 | -4.7 | 512.6 | 512.6 | 9.9 | 99.9 | 31.0 | 102. |
| 77.5 | 163.5 | 25685.0 | 25.0 | -44.4 | -74.9 | 339.9 | 13.2 | 11.5 | 6.7 | 637.3 | 637.3 | 9.9 | 99.9 | 34.6 | 103. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 433
SALEM, ILLINOIS19 APRIL 1979
2005 GMT

| TIME MIN | CNTCT | HEIGHT GDM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.7 | 6.0 | 175.0 | 1001.6 | 29.0 | 6.4 | 130.0 | 5.1 | -3.9 | 3.3 | 293.0 | 309.2 | 6.0 | 41.0 | 0.0 | 0. |
| 0.1 | 6.7 | 198.6 | 1000.0 | 19.8 | 5.8 | 125.3 | 5.6 | -4.5 | 3.2 | 293.0 | 308.6 | 5.8 | 39.9 | 0.0 | 357. |
| 1.2 | 9.5 | 405.8 | 975.0 | 17.5 | 2.8 | 111.0 | 6.8 | -6.3 | 2.4 | 292.8 | 305.9 | 4.9 | 37.2 | 0.3 | 304. |
| 1.4 | 10.4 | 626.8 | 950.0 | 15.6 | 2.7 | 131.1 | 5.2 | -3.9 | 3.4 | 293.0 | 306.4 | 6.9 | 42.1 | 0.6 | 302. |
| 2.6 | 13.2 | 952.3 | 925.0 | 13.6 | 3.3 | 145.9 | 4.4 | -2.5 | 3.6 | 293.3 | 307.5 | 5.3 | 47.7 | 0.8 | 305. |
| 3.1 | 15.6 | 1792.1 | 900.0 | 11.0 | 2.6 | 164.8 | 3.5 | -0.9 | 3.4 | 292.9 | 306.8 | 5.1 | 55.8 | 1.0 | 311. |
| 4.2 | 18.0 | 1716.6 | 875.0 | 11.0 | 3.7 | 202.4 | 2.7 | 1.0 | 2.5 | 295.2 | 310.9 | 5.8 | 61.2 | 1.1 | 316. |
| 6.1 | 20.5 | 1559.0 | 850.0 | 11.0 | 4.6 | 230.7 | 4.3 | 3.3 | 2.7 | 297.6 | 314.8 | 5.3 | 64.7 | 1.0 | 325. |
| 5.3 | 23.0 | 1807.8 | 825.0 | 9.9 | 3.2 | 228.6 | 5.6 | 4.0 | 4.0 | 299.0 | 315.2 | 5.9 | 63.4 | 1.2 | 341. |
| 6.1 | 25.4 | 2063.0 | 800.0 | 7.8 | 3.4 | 229.2 | 6.1 | 4.6 | 4.0 | 299.5 | 316.5 | 6.2 | 73.8 | 1.3 | 354. |
| 7.1 | 28.0 | 2124.3 | 775.0 | 5.6 | 3.6 | 228.9 | 6.2 | 4.7 | 4.1 | 299.8 | 317.5 | 6.4 | 87.4 | 1.6 | 6. |
| 8.7 | 30.6 | 2322.2 | 750.0 | 3.7 | -1.1 | 228.0 | 5.6 | 4.2 | 3.7 | 300.6 | 314.0 | 6.8 | 71.2 | 1.9 | 12. |
| 9.7 | 33.2 | 2466.9 | 725.0 | 1.7 | 1.6 | 228.5 | 6.3 | 4.4 | 4.5 | 301.3 | 31.9 | 5.9 | 99.2 | 2.1 | 18. |
| 10.5 | 35.9 | 3149.3 | 700.0 | -0.1 | -0.9 | 220.2 | 8.0 | 5.2 | 6.1 | 302.4 | 316.9 | 5.1 | 98.4 | 2.4 | 21. |
| 11.5 | 38.6 | 3440.1 | 675.0 | -1.9 | -1.9 | 224.3 | 10.0 | 7.0 | 7.2 | 303.6 | 317.6 | 4.9 | 99.5 | 2.9 | 25. |
| 12.5 | 41.3 | 3740.0 | 650.0 | -2.9 | -3.0 | 241.6 | 10.0 | 8.8 | 4.8 | 305.7 | 319.2 | 4.7 | 99.1 | 3.4 | 29. |
| 13.7 | 44.2 | 4050.5 | 625.0 | -4.4 | -4.5 | 271.6 | 9.2 | 9.2 | -0.3 | 307.5 | 320.2 | 4.4 | 98.9 | 4.0 | 35. |
| 14.5 | 47.1 | 4372.3 | 600.0 | -5.2 | -5.3 | 289.0 | 9.7 | 9.1 | -3.1 | 310.1 | 322.7 | 4.3 | 99.0 | 4.3 | 44. |
| 16.7 | 50.0 | 4726.1 | 575.0 | -5.5 | -6.6 | 294.6 | 9.9 | 9.0 | -4.1 | 312.4 | 324.5 | 4.1 | 99.1 | 4.6 | 52. |
| 17.3 | 53.1 | 5052.7 | 550.0 | -9.5 | -8.7 | 303.5 | 9.5 | 7.9 | -5.2 | 314.0 | 325.0 | 3.6 | 99.5 | 4.9 | 58. |
| 18.1 | 56.1 | 5412.3 | 525.0 | -11.4 | -12.0 | 327.7 | 8.9 | 4.7 | -7.5 | 314.8 | 323.7 | 2.9 | 95.1 | 5.0 | 65. |
| 19.5 | 59.4 | 5785.5 | 500.0 | -13.5 | -14.7 | 381.0 | 8.9 | 2.9 | -8.4 | 316.6 | 324.3 | 2.4 | 90.2 | 5.1 | 73. |
| 20.9 | 62.6 | 6174.2 | 475.0 | -16.5 | -18.5 | 341.0 | 8.5 | 2.8 | -8.0 | 317.6 | 323.5 | 1.9 | 84.3 | 5.1 | 81. |
| 22.2 | 65.9 | 6578.5 | 450.0 | -19.6 | -24.8 | 348.2 | 7.2 | 1.5 | -7.0 | 319.6 | 322.4 | 1.1 | 63.3 | 5.3 | 88. |
| 23.7 | 69.4 | 7000.8 | 425.0 | -22.9 | -28.0 | 348.8 | 6.3 | 1.2 | -6.2 | 322.6 | 322.6 | 0.9 | 62.9 | 5.3 | 94. |
| 25.1 | 72.9 | 7442.5 | 400.0 | -26.3 | -30.9 | 323.7 | 5.3 | 3.1 | -4.3 | 320.8 | 323.2 | 0.7 | 65.2 | 5.5 | 99. |
| 26.5 | 76.6 | 7906.4 | 375.0 | -29.7 | -35.7 | 302.3 | 5.6 | 4.7 | -3.0 | 322.3 | 324.0 | 0.5 | 55.5 | 6.0 | 101. |
| 27.9 | 80.3 | 8394.1 | 350.0 | -34.1 | -40.6 | 281.1 | 5.6 | 5.5 | -1.1 | 323.7 | 323.7 | 0.2 | 33.5 | 6.4 | 102. |
| 29.7 | 84.4 | 8908.1 | 325.0 | -38.5 | -44.8 | 269.5 | 6.1 | 6.1 | 0.1 | 325.2 | 323.7 | 0.0 | 1.0 | 7.0 | 101. |
| 31.6 | 88.5 | 9453.3 | 300.0 | -42.7 | -49.9 | 275.7 | 6.7 | 6.7 | -0.3 | 325.2 | 323.7 | 0.0 | 99.9 | 7.6 | 102. |
| 33.3 | 92.8 | 10034.8 | 275.0 | -47.1 | -54.9 | 268.3 | 8.1 | 8.1 | 0.5 | 327.0 | 323.7 | 0.0 | 99.9 | 8.5 | 99. |
| 35.4 | 97.6 | 10659.3 | 250.0 | -52.0 | -59.9 | 264.3 | 9.2 | 9.2 | 0.9 | 328.8 | 323.7 | 0.0 | 99.9 | 9.5 | 97. |
| 37.5 | 102.2 | 11333.5 | 225.0 | -56.8 | -64.8 | 281.6 | 11.2 | 11.0 | -2.3 | 331.4 | 323.7 | 0.0 | 99.9 | 10.8 | 96. |
| 39.3 | 107.4 | 12070.9 | 200.0 | -61.3 | -69.9 | 299.1 | 13.7 | 12.0 | -6.7 | 335.7 | 323.7 | 0.0 | 99.9 | 12.5 | 99. |
| 42.4 | 113.0 | 12891.1 | 175.0 | -64.8 | -74.8 | 306.4 | 16.2 | 13.0 | -10.6 | 343.0 | 323.7 | 0.0 | 99.9 | 14.8 | 103. |
| 45.7 | 119.3 | 13737.3 | 150.0 | -61.9 | -71.9 | 299.9 | 20.4 | 17.6 | -10.1 | 363.5 | 323.7 | 0.0 | 99.9 | 17.8 | 107. |
| 49.2 | 126.0 | 14581.5 | 125.0 | -57.7 | -67.9 | 290.7 | 21.3 | 19.9 | -7.5 | 379.7 | 323.7 | 0.0 | 99.9 | 22.6 | 108. |
| 53.2 | 133.1 | 16336.7 | 100.0 | -61.6 | -71.9 | 297.7 | 16.3 | 14.4 | -7.6 | 408.8 | 323.7 | 0.0 | 99.9 | 27.1 | 109. |
| 58.7 | 142.0 | 18115.5 | 75.0 | -61.1 | -71.9 | 310.9 | 10.3 | 7.8 | -6.7 | 444.8 | 323.7 | 0.0 | 99.9 | 31.4 | 111. |
| 66.4 | 152.0 | 20446.6 | 50.0 | -56.6 | -66.6 | 317.5 | 6.5 | 4.4 | -4.4 | 510.0 | 323.7 | 0.0 | 99.9 | 33.8 | 113. |
| 78.3 | 162.1 | 25128.9 | 25.0 | -47.6 | -57.6 | 260.0 | 7.9 | 7.8 | -1.4 | 647.7 | 323.7 | 0.0 | 99.9 | 38.4 | 113. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 433
SALEM, ILLINOIS19 APRIL 1979
2305 GMT

| TIME MIN | CNCT | HEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT V DEG K | E POT V DEG K | MX RTO CM/KG | RM PCY | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|-----------------|-----------|-------------|-----------|
| 0.3 | 6.2 | 175.0 | 1000.2 | 18.6 | 7.7 | 120.0 | 4.6 | -4.0 | 2.3 | 291.7 | 309.3 | 6.6 | 49.0 | 0.0 | 0. |
| 0.7 | 6.2 | 176.7 | 1000.0 | 18.6 | 7.6 | 119.7 | 4.7 | -4.1 | 2.3 | 291.7 | 309.3 | 6.6 | 48.9 | 0.0 | 358. |
| 0.9 | 6.5 | 393.2 | 975.0 | 16.9 | 5.6 | 109.2 | 7.7 | -7.3 | 2.4 | 292.2 | 307.9 | 5.9 | 47.4 | 0.3 | 287. |
| 1.4 | 10.8 | 613.9 | 950.0 | 14.9 | 5.2 | 119.7 | 7.7 | -6.7 | 3.8 | 292.3 | 308.0 | 5.8 | 52.0 | 0.6 | 290. |
| 2.2 | 13.2 | 419.2 | 925.0 | 14.0 | -20.7 | 132.7 | 5.6 | -4.1 | 3.0 | 294.5 | 298.7 | 1.5 | 13.0 | 1.0 | 295. |
| 3.1 | 15.5 | 1071.2 | 900.0 | 14.9 | 6.4 | 179.2 | 2.6 | -0.0 | 2.8 | 296.8 | 315.1 | 6.7 | 55.9 | 1.1 | 300. |
| 3.7 | 18.0 | 1339.3 | 875.0 | 13.4 | 7.4 | 214.9 | 3.4 | 2.0 | 2.8 | 297.7 | 317.9 | 7.4 | 67.1 | 1.1 | 307. |
| 4.4 | 20.4 | 1552.9 | 850.0 | 11.5 | 4.8 | 220.0 | 4.1 | 2.6 | 3.1 | 298.2 | 315.7 | 6.4 | 63.5 | 1.2 | 317. |
| 5.4 | 22.8 | 1922.0 | 825.0 | 9.7 | 1.7 | 215.9 | 4.7 | 2.8 | 3.8 | 298.9 | 313.5 | 5.3 | 57.4 | 1.2 | 327. |
| 6.5 | 25.1 | 2057.1 | 800.0 | 8.0 | 1.1 | 216.5 | 5.2 | 3.1 | 4.2 | 299.7 | 314.1 | 5.2 | 61.5 | 1.3 | 338. |
| 7.5 | 27.9 | 2318.3 | 775.0 | 5.6 | 1.3 | 217.9 | 6.8 | 4.2 | 5.4 | 300.0 | 315.1 | 5.4 | 72.8 | 1.5 | 349. |
| 8.5 | 30.4 | 2596.2 | 750.0 | 4.3 | 0.1 | 225.6 | 8.6 | 6.1 | 6.0 | 301.3 | 315.8 | 5.2 | 73.9 | 1.9 | 0. |
| 9.5 | 33.1 | 2942.2 | 725.0 | 3.2 | 1.3 | 246.3 | 8.2 | 7.5 | 3.3 | 303.0 | 319.3 | 5.6 | 87.0 | 2.3 | 12. |
| 10.5 | 35.8 | 3146.8 | 700.0 | 2.4 | 0.2 | 284.7 | 7.2 | 7.0 | -1.8 | 305.2 | 320.9 | 5.5 | 85.0 | 2.4 | 21. |
| 11.5 | 38.4 | 3440.4 | 675.0 | 0.7 | -1.3 | 308.9 | 8.4 | 6.9 | -4.8 | 306.4 | 321.3 | 5.2 | 86.5 | 2.4 | 32. |
| 12.5 | 41.2 | 3743.1 | 650.0 | -1.0 | -3.3 | 316.1 | 10.0 | 6.9 | -7.2 | 307.8 | 321.2 | 4.6 | 84.2 | 2.4 | 46. |
| 13.5 | 44.1 | 4055.3 | 625.0 | -3.1 | -4.5 | 319.9 | 10.0 | 6.4 | -7.6 | 309.0 | 321.8 | 4.4 | 89.7 | 2.4 | 62. |
| 14.5 | 46.9 | 4377.7 | 600.0 | -5.3 | -6.8 | 318.5 | 10.4 | 6.9 | -7.8 | 310.0 | 321.4 | 3.8 | 89.0 | 2.4 | 74. |
| 15.4 | 49.9 | 4711.2 | 575.0 | -7.2 | -8.4 | 322.6 | 10.4 | 6.4 | -8.2 | 311.5 | 322.1 | 3.5 | 91.7 | 3.0 | 87. |
| 16.3 | 52.9 | 5056.6 | 550.0 | -9.3 | -10.2 | 326.6 | 8.7 | 5.1 | -7.1 | 313.1 | 322.8 | 3.2 | 93.2 | 3.4 | 96. |
| 17.2 | 55.0 | 5415.0 | 525.0 | -11.6 | -12.5 | 327.2 | 7.2 | 5.2 | -6.8 | 314.4 | 323.0 | 2.8 | 93.2 | 3.8 | 103. |
| 18.2 | 58.1 | 5777.8 | 500.0 | -14.0 | -15.2 | 317.8 | 9.3 | 6.3 | -6.9 | 316.0 | 323.3 | 2.3 | 90.4 | 4.4 | 108. |
| 19.2 | 62.4 | 6175.6 | 475.0 | -16.7 | -18.4 | 322.6 | 8.7 | 5.3 | -6.9 | 317.4 | 323.4 | 1.9 | 86.5 | 5.8 | 112. |
| 20.4 | 65.6 | 6550.1 | 450.0 | -19.3 | -21.2 | 332.7 | 7.2 | 3.3 | -6.4 | 319.0 | 324.1 | 1.6 | 84.8 | 5.8 | 116. |
| 21.3 | 69.1 | 7032.6 | 425.0 | -22.6 | -24.6 | 337.2 | 5.9 | 2.3 | -5.4 | 320.0 | 324.0 | 1.2 | 83.5 | 6.3 | 119. |
| 22.4 | 72.7 | 7484.6 | 400.0 | -26.2 | -28.5 | 345.6 | 4.9 | 1.2 | -4.8 | 321.0 | 324.1 | 0.9 | 80.9 | 6.3 | 122. |
| 24.1 | 76.3 | 7908.0 | 375.0 | -30.0 | -32.8 | 352.5 | 5.0 | 0.7 | -5.0 | 321.9 | 324.2 | 0.6 | 76.8 | 6.7 | 125. |
| 26.1 | 80.1 | 8395.1 | 350.0 | -34.5 | -36.8 | 3.1 | 6.1 | -0.2 | -6.1 | 322.3 | 323.6 | 0.4 | 64.5 | 7.0 | 129. |
| 28.1 | 84.0 | 8939.0 | 325.0 | -38.4 | -43.2 | 3.1 | 7.5 | -0.4 | -7.5 | 323.8 | 324.7 | 0.3 | 60.1 | 7.4 | 133. |
| 31.7 | 88.2 | 9453.1 | 300.0 | -43.7 | 99.9 | 343.4 | 7.8 | 2.2 | -7.5 | 323.8 | 999.9 | 99.9 | 999.9 | 8.1 | 137. |
| 33.4 | 92.5 | 10032.9 | 275.0 | -47.6 | 99.9 | 325.4 | 9.7 | 5.5 | -8.0 | 326.2 | 999.9 | 99.9 | 999.9 | 9.1 | 139. |
| 35.3 | 97.7 | 10656.3 | 250.0 | -51.9 | 99.9 | 317.4 | 12.7 | 8.6 | -9.4 | 329.0 | 999.9 | 99.9 | 999.9 | 10.5 | 139. |
| 38.2 | 102.0 | 11331.3 | 225.0 | -56.8 | 99.9 | 322.5 | 14.1 | 8.6 | -11.1 | 331.4 | 999.9 | 99.9 | 999.9 | 12.5 | 139. |
| 40.6 | 107.2 | 12088.8 | 200.0 | -61.7 | 99.9 | 322.6 | 13.8 | 8.3 | -10.9 | 335.0 | 999.9 | 99.9 | 999.9 | 14.4 | 140. |
| 43.3 | 112.4 | 12889.8 | 175.0 | -63.9 | 99.9 | 306.6 | 15.8 | 12.7 | -9.4 | 344.5 | 999.9 | 99.9 | 999.9 | 16.4 | 140. |
| 46.3 | 119.0 | 13834.6 | 150.0 | -62.2 | 99.9 | 293.8 | 21.9 | 19.8 | -9.5 | 362.9 | 999.9 | 99.9 | 999.9 | 19.9 | 135. |
| 49.7 | 125.7 | 14937.0 | 125.0 | -63.9 | 99.9 | 295.5 | 23.5 | 20.4 | -11.6 | 379.4 | 999.9 | 99.9 | 999.9 | 25.0 | 132. |
| 54.3 | 133.3 | 16324.4 | 100.0 | -63.4 | 99.9 | 311.1 | 16.6 | 12.5 | -10.9 | 405.3 | 999.9 | 99.9 | 999.9 | 30.2 | 130. |
| 59.4 | 141.7 | 18042.3 | 75.0 | -61.8 | 99.9 | 324.2 | 11.4 | 6.7 | -9.2 | 443.4 | 999.9 | 99.9 | 999.9 | 34.8 | 131. |
| 67.7 | 151.3 | 20619.8 | 50.0 | -57.4 | 99.9 | 325.3 | 7.2 | 3.7 | -8.2 | 508.3 | 999.9 | 99.9 | 999.9 | 38.3 | 133. |
| 80.5 | 161.7 | 25199.9 | 25.0 | -47.1 | 99.9 | 270.9 | 9.0 | 9.0 | -10.1 | 649.7 | 999.9 | 99.9 | 999.9 | 42.5 | 132. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 433
SALEM, ILLINOIS

20 APRIL 1979
205 GMT

| TIME MIN | CNCT | WEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | " COMP M/SEC | V COMP M/SEC | POT T DEG K | E POT T DEG K | MX WTD CM/KG | AM PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|-----------------|-----------|-------------|-----------|
| 0.0 | 6.7 | 175.0 | 1000.0 | 15.6 | 6.9 | 120.0 | 3.1 | -2.7 | 1.5 | 288.8 | 305.2 | 6.2 | 56.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.9 | 9.0 | 391.0 | 975.0 | 17.3 | 4.6 | 122.3 | 10.0 | -6.4 | 5.3 | 292.6 | 307.4 | 5.5 | 43.0 | 0.4 | 298. |
| 1.6 | 11.3 | 612.2 | 950.0 | 16.0 | 0.2 | 131.5 | 9.2 | -6.9 | 6.1 | 293.4 | 304.8 | 4.1 | 34.3 | 0.6 | 302. |
| 2.4 | 13.6 | 939.7 | 925.0 | 17.0 | -0.3 | 155.1 | 6.6 | -2.8 | 6.0 | 296.7 | 308.0 | 4.1 | 31.0 | 1.2 | 308. |
| 3.2 | 16.0 | 1372.3 | 900.0 | 16.5 | 6.6 | 178.4 | 5.0 | -0.1 | 5.0 | 298.5 | 319.7 | 7.8 | 59.5 | 1.6 | 315. |
| 4.0 | 18.4 | 1311.6 | 875.0 | 13.6 | 5.5 | 208.6 | 5.3 | 2.5 | 4.6 | 297.9 | 315.7 | 6.5 | 59.3 | 1.6 | 322. |
| 4.9 | 20.7 | 1555.2 | 850.0 | 12.1 | 3.1 | 225.2 | 6.9 | 4.9 | 4. | 298.8 | 314.5 | 5.6 | 54.0 | 1.7 | 333. |
| 5.9 | 23.2 | 1494.4 | 825.0 | 10.1 | 1.6 | 230.2 | 6.6 | 5.1 | 4. | 299.3 | 313.6 | 5.2 | 55.3 | 1.8 | 345. |
| 6.8 | 25.7 | 2359.6 | 800.0 | 8.1 | 1.1 | 233.2 | 7.2 | 5.5 | 4. | 299.8 | 314.3 | 5.2 | 61.0 | 2.0 | 355. |
| 7.7 | 28.2 | 2391.0 | 775.0 | 6.3 | 0.7 | 234.3 | 7.2 | 5.9 | 4.2 | 300.6 | 315.1 | 5.2 | 67.4 | 2.2 | 3. |
| 8.7 | 30.6 | 2589.3 | 750.0 | 4.2 | 0.4 | 240.2 | 5.2 | 4.5 | 2.6 | 301.2 | 316.0 | 5.3 | 76.4 | 2.5 | 11. |
| 9.7 | 33.4 | 2854.9 | 725.0 | 2.8 | 0.3 | 278.2 | 2.9 | 2.9 | -0.4 | 302.5 | 320.2 | 6.3 | 97.8 | 2.6 | 15. |
| 10.6 | 36.0 | 3149.4 | 700.0 | 1.3 | -1.0 | 329.9 | 8.6 | 4.3 | -4.3 | 305.6 | 321.6 | 5.6 | 83.5 | 2.6 | 18. |
| 11.4 | 38.7 | 3483.6 | 675.0 | 0.9 | -2.4 | 336.1 | 10.3 | 4.2 | -9.4 | 308.0 | 322.2 | 4.9 | 89.2 | 2.0 | 41. |
| 12.7 | 41.4 | 3766.6 | 650.0 | -0.9 | -4.5 | 336.7 | 11.0 | 4.7 | -10.8 | 308.7 | 321.6 | 4.4 | 91.5 | 1.9 | 63. |
| 13.4 | 44.2 | 4056.9 | 625.0 | -3.3 | -8.2 | 336.3 | 13.8 | 5.5 | -12.6 | 310.0 | 320.2 | 3.4 | 79.9 | 2.0 | 89. |
| 14.9 | 47.1 | 4391.0 | 600.0 | -5.3 | -10.5 | 339.6 | 13.3 | 4.7 | -12.5 | 310.4 | 319.4 | 3.0 | 83.3 | 2.4 | 110. |
| 16.3 | 50.0 | 4713.8 | 575.0 | -6.2 | -12.5 | 333.3 | 9.8 | 4.4 | -8.8 | 311.9 | 320.3 | 2.7 | 83.5 | 3.0 | 121. |
| 17.2 | 52.9 | 5058.0 | 550.0 | -10.3 | -17.0 | 312.1 | 7.5 | 5.6 | -5.0 | 314.1 | 320.1 | 1.9 | 65.5 | 3.6 | 125. |
| 18.4 | 56.7 | 5415.3 | 525.0 | -14.0 | -20.9 | 290.7 | 6.2 | 5.8 | -2.2 | 316.0 | 321.8 | 1.8 | 70.7 | 4.1 | 125. |
| 19.7 | 59.1 | 5787.8 | 500.0 | -16.4 | -23.5 | 291.7 | 6.5 | 6.0 | -3.2 | 317.7 | 322.6 | 1.5 | 67.7 | 4.6 | 123. |
| 21.1 | 62.3 | 6176.1 | 475.0 | -19.6 | -25.6 | 331.2 | 3.5 | 3.4 | -3.0 | 318.6 | 322.8 | 1.3 | 71.0 | 5.1 | 122. |
| 22.4 | 65.6 | 6590.6 | 450.0 | -23.0 | -29.8 | 331.2 | 3.5 | 1.7 | -3.0 | 319.5 | 323.0 | 1.1 | 79.4 | 5.4 | 124. |
| 23.9 | 69.0 | 7002.0 | 425.0 | -26.7 | -34.6 | 347.6 | 3.5 | 1.4 | -3.4 | 320.4 | 323.0 | 0.8 | 72.0 | 5.7 | 125. |
| 25.1 | 72.4 | 7443.3 | 400.0 | -30.5 | -39.0 | 345.0 | 4.1 | 1.0 | -3.4 | 321.2 | 323.6 | 0.5 | 66.0 | 5.9 | 127. |
| 27.1 | 75.1 | 7905.7 | 375.0 | -34.5 | -43.9 | 349.2 | 4.9 | 0.9 | -4.8 | 322.4 | 323.6 | 0.3 | 55.9 | 6.2 | 130. |
| 29.4 | 79.4 | 8392.6 | 350.0 | -39.0 | -48.9 | 347.4 | 10.1 | 2.2 | -9.9 | 324.2 | 327.3 | 99.9 | 99.9 | 7.2 | 136. |
| 30.5 | 82.7 | 8906.1 | 325.0 | -43.4 | -52.4 | 339.6 | 17.9 | 6.2 | -16.8 | 327.3 | 329.9 | 99.9 | 99.9 | 8.8 | 141. |
| 32.7 | 87.7 | 9489.4 | 300.0 | -47.9 | -57.4 | 337.5 | 21.3 | 8.1 | -19.7 | 328.2 | 329.9 | 99.9 | 99.9 | 11.5 | 145. |
| 34.9 | 92.0 | 10030.5 | 275.0 | -52.4 | -62.4 | 338.2 | 16.6 | 13.0 | -10.3 | 330.2 | 329.9 | 99.9 | 99.9 | 14.4 | 147. |
| 36.9 | 96.5 | 10655.5 | 250.0 | -57.4 | -67.4 | 333.2 | 18.0 | 16.3 | -12.4 | 334.7 | 329.9 | 99.9 | 99.9 | 17.1 | 146. |
| 39.2 | 101.2 | 11286.6 | 225.0 | -62.4 | -72.4 | 333.2 | 22.7 | 19.0 | -15.8 | 337.4 | 329.9 | 99.9 | 99.9 | 23.4 | 138. |
| 40.1 | 118.0 | 13923.9 | 150.0 | -67.4 | -77.4 | 316.6 | 21.8 | 15.0 | -15.8 | 337.4 | 329.9 | 99.9 | 99.9 | 28.6 | 137. |
| 48.1 | 128.7 | 14936.1 | 125.0 | -62.4 | -72.4 | 323.1 | 16.2 | 9.7 | -12.9 | 402.3 | 329.9 | 99.9 | 99.9 | 33.7 | 136. |
| 56.4 | 132.3 | 16359.2 | 75.0 | -57.4 | -67.4 | 339.5 | 9.6 | 3.3 | -4.5 | 504.7 | 329.9 | 99.9 | 99.9 | 40.7 | 141. |
| 62.4 | 141.0 | 17359.5 | 50.0 | -52.4 | -62.4 | 334.6 | 5.1 | 2.2 | -4.5 | 608.1 | 329.9 | 99.9 | 99.9 | 46.2 | 140. |
| 70.4 | 151.3 | 23549.5 | 25.0 | -47.5 | -57.5 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 83.4 | 163.0 | 25041.0 | 25.0 | -47.5 | -57.5 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 433
SALEM, ILLINOIS20 APRIL 1979
505 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | OIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|---------------|-----------------|-----------|----------------|-----------------|-----------------|---------------|---------------|-----------------|-----------|-------------|----------|
| 0.0 | 6.5 | 175.0 | 999.3 | 15.0 | 7.3 | 110.0 | 4.6 | -4.3 | 1.6 | 288.2 | 305.1 | 6.4 | 65.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 0.7 | 8.7 | 388.7 | 975.0 | 17.6 | 0.3 | 138.4 | 11.4 | -7.6 | 8.5 | 292.9 | 303.9 | 4.0 | 31.1 | 0.5 | 387. |
| 1.5 | 11.1 | 508.0 | 950.0 | 17.0 | -12.5 | 152.1 | 10.2 | -4.7 | 9.0 | 294.5 | 299.1 | 1.6 | 12.4 | 1.0 | 315. |
| 2.3 | 13.4 | 833.1 | 925.0 | 16.4 | 1.5 | 174.6 | 8.3 | -0.8 | 8.3 | 296.1 | 308.9 | 4.7 | 36.9 | 1.4 | 324. |
| 3.1 | 15.8 | 1065.1 | 900.0 | 15.9 | 5.4 | 200.4 | 7.6 | 2.6 | 7.1 | 297.9 | 315.0 | 6.3 | 49.5 | 1.7 | 333. |
| 4.3 | 18.2 | 1308.7 | 875.0 | 14.2 | 4.2 | 216.1 | 8.4 | 4.9 | 6.8 | 298.6 | 314.9 | 5.9 | 51.0 | 1.9 | 343. |
| 4.4 | 23.7 | 1548.8 | 850.0 | 12.2 | 7.1 | 221.0 | 9.3 | 6.1 | 7.1 | 298.9 | 319.3 | 7.5 | 70.9 | 2.2 | 353. |
| 5.7 | 23.2 | 1798.4 | 825.0 | 9.8 | 7.7 | 226.0 | 8.8 | 6.3 | 6.1 | 298.9 | 320.7 | 8.0 | 85.9 | 2.5 | 1. |
| 6.4 | 25.4 | 2053.6 | 800.0 | 7.6 | 6.1 | 224.9 | 8.4 | 6.0 | 6.0 | 299.2 | 319.5 | 7.4 | 98.7 | 2.9 | 8. |
| 7.4 | 28.2 | 2313.0 | 775.0 | 6.1 | 3.3 | 225.4 | 6.3 | 4.5 | 4.4 | 300.4 | 317.9 | 6.3 | 82.6 | 3.3 | 13. |
| 8.5 | 30.7 | 2543.8 | 750.0 | 5.5 | 1.6 | 243.8 | 3.6 | 3.2 | 1.6 | 302.5 | 318.7 | 4.7 | 78.0 | 3.5 | 15. |
| 9.4 | 33.1 | 2961.3 | 725.0 | 4.3 | 1.1 | 279.9 | 3.8 | 3.7 | -0.7 | 305.1 | 320.4 | 5.7 | 79.3 | 3.6 | 18. |
| 10.5 | 36.0 | 3146.4 | 700.0 | 2.4 | 1.0 | 322.3 | 5.5 | 3.3 | -4.3 | 305.1 | 321.8 | 5.9 | 90.6 | 3.4 | 22. |
| 11.4 | 38.7 | 3440.4 | 675.0 | 0.8 | 0.1 | 326.3 | 5.8 | 3.2 | -4.8 | 305.5 | 322.8 | 5.7 | 95.2 | 3.2 | 28. |
| 12.5 | 41.4 | 3742.9 | 650.0 | -1.3 | -2.0 | 322.0 | 6.6 | 4.1 | -5.2 | 307.5 | 325.2 | 5.1 | 95.6 | 3.1 | 34. |
| 13.4 | 44.2 | 4254.7 | 625.0 | -3.6 | -4.2 | 321.0 | 7.6 | 4.8 | -5.9 | 308.4 | 321.5 | 4.5 | 95.5 | 3.0 | 42. |
| 14.5 | 47.1 | 4378.4 | 600.0 | -5.9 | -6.5 | 324.1 | 7.9 | 4.6 | -6.4 | 309.3 | 321.0 | 3.9 | 95.7 | 2.9 | 52. |
| 15.7 | 50.0 | 4708.3 | 575.0 | -8.6 | -14.2 | 329.7 | 5.8 | 2.9 | -5.0 | 309.7 | 316.4 | 2.2 | 64.7 | 2.9 | 61. |
| 17.1 | 53.0 | 5052.5 | 550.0 | -9.7 | -14.8 | 322.3 | 4.3 | 2.6 | -3.4 | 312.6 | 319.4 | 2.2 | 65.0 | 2.9 | 68. |
| 18.1 | 55.9 | 5410.4 | 525.0 | -11.3 | -31.1 | 296.1 | 5.4 | 4.9 | -2.4 | 314.9 | 318.6 | 0.5 | 17.5 | 3.1 | 74. |
| 19.1 | 59.1 | 5743.6 | 500.0 | -13.2 | -32.7 | 282.3 | 5.6 | 5.5 | -1.2 | 316.9 | 318.6 | 0.5 | 17.5 | 3.5 | 78. |
| 21.1 | 62.4 | 6175.4 | 475.0 | -15.5 | -37.9 | 287.2 | 6.7 | 6.4 | -2.0 | 318.7 | 319.8 | 0.3 | 12.9 | 4.0 | 81. |
| 22.5 | 65.7 | 6578.1 | 450.0 | -18.9 | -32.9 | 292.4 | 6.4 | 6.0 | -2.5 | 319.5 | 321.4 | 0.5 | 27.9 | 4.5 | 84. |
| 24.7 | 69.1 | 7501.2 | 425.0 | -22.1 | -39.6 | 298.8 | 6.5 | 5.7 | -3.1 | 320.7 | 321.7 | 0.3 | 18.7 | 5.0 | 88. |
| 25.5 | 72.6 | 7843.1 | 400.0 | -25.7 | -39.7 | 297.7 | 5.7 | 5.0 | -2.6 | 321.6 | 322.7 | 0.3 | 25.2 | 5.5 | 91. |
| 27.3 | 76.1 | 7907.9 | 375.0 | -29.6 | -45.5 | 303.0 | 4.5 | 3.8 | -2.5 | 322.5 | 323.1 | 0.2 | 19.6 | 5.9 | 93. |
| 28.7 | 79.9 | 8398.1 | 350.0 | -33.6 | -53.1 | 316.9 | 4.9 | 3.3 | -3.6 | 323.4 | 323.7 | 0.1 | 11.9 | 6.2 | 95. |
| 30.4 | 83.8 | 8917.5 | 325.0 | -36.8 | -64.1 | 339.4 | 10.7 | 3.8 | -10.0 | 325.9 | 326.0 | 0.0 | 9.5 | 6.7 | 101. |
| 32.5 | 87.9 | 9469.3 | 300.0 | -42.2 | -99.9 | 337.8 | 14.6 | 5.5 | -13.5 | 328.0 | 329.9 | 99.9 | 99.9 | 7.6 | 111. |
| 34.4 | 92.2 | 10348.4 | 275.0 | -45.7 | 99.9 | 322.9 | 16.8 | 10.1 | -13.4 | 329.0 | 329.9 | 99.9 | 99.9 | 9.1 | 119. |
| 36.3 | 96.7 | 10671.0 | 250.0 | -51.7 | 99.9 | 309.3 | 18.4 | 14.3 | -11.7 | 329.3 | 329.9 | 99.9 | 99.9 | 11.5 | 122. |
| 38.7 | 101.4 | 11345.5 | 225.0 | -57.1 | 99.9 | 299.8 | 17.7 | 15.3 | -8.8 | 331.1 | 329.9 | 99.9 | 99.9 | 14.1 | 123. |
| 41.3 | 106.6 | 12081.6 | 200.0 | -62.8 | 99.9 | 292.0 | 18.1 | 16.7 | -6.8 | 333.3 | 329.9 | 99.9 | 99.9 | 16.6 | 121. |
| 44.3 | 112.0 | 12871.5 | 175.0 | -65.9 | 72.9 | 302.4 | 21.0 | 17.7 | -11.3 | 334.3 | 329.9 | 99.9 | 99.9 | 19.7 | 120. |
| 47.1 | 119.0 | 13426.9 | 150.0 | -64.2 | 99.9 | 316.7 | 17.4 | 11.9 | -12.6 | 339.5 | 329.9 | 99.9 | 99.9 | 23.1 | 127. |
| 51.1 | 124.8 | 14910.7 | 125.0 | -62.9 | 99.9 | 309.2 | 17.2 | 13.3 | -10.9 | 341.2 | 329.9 | 99.9 | 99.9 | 26.8 | 123. |
| 55.4 | 132.0 | 16308.9 | 100.0 | -65.2 | 99.9 | 323.5 | 14.9 | 8.9 | -12.0 | 401.7 | 329.9 | 99.9 | 99.9 | 31.3 | 125. |
| 61.9 | 149.7 | 19267.9 | 75.0 | -61.5 | 99.9 | 335.1 | 8.2 | 3.4 | -7.4 | 444.7 | 329.9 | 99.9 | 99.9 | 36.9 | 128. |
| 70.2 | 150.5 | 20589.8 | 50.0 | -59.4 | 99.9 | 327.2 | 5.1 | 2.8 | -4.3 | 503.6 | 329.9 | 99.9 | 99.9 | 37.5 | 130. |
| 83.2 | 161.0 | 25030.7 | 25.0 | -47.8 | 99.9 | 280.7 | 6.3 | 6.2 | 1.0 | 647.8 | 329.9 | 99.9 | 99.9 | 41.7 | 128. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 433
SALEM, ILLINOIS20 APRIL 1979
805 GMT

| TIME MIN | CNTCT | WEIGHT GPM | PRES MB | TEMP DEG C | DEV AT DEG C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DEG K | E POT T DEG K | WIND CM/KG | AM PCT | RANGE M | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|---------------|-----------|------------|-----------|
| 0.0 | 7.0 | 173.0 | 998.1 | 14.4 | 6.3 | 120.9 | 5.1 | -4.4 | 2.5 | 287.7 | 303.7 | 6.1 | 59.0 | 0.0 | 0.0 |
| 0.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.7 | 9.1 | 373.5 | 975.0 | 16.8 | -1.4 | 149.5 | 13.4 | -6.8 | 11.5 | 292.1 | 301.9 | 3.6 | 28.8 | 0.5 | 32.0 |
| 1.4 | 11.6 | 594.8 | 950.0 | 17.1 | -1.0 | 162.3 | 11.1 | -3.4 | 10.6 | 295.5 | 305.0 | 3.0 | 29.2 | 1.0 | 32.7 |
| 2.2 | 13.7 | 921.0 | 925.0 | 16.7 | -0.4 | 188.9 | 9.1 | 1.4 | 9.0 | 296.4 | 308.4 | 4.3 | 33.6 | 1.4 | 33.5 |
| 2.9 | 16.1 | 1054.7 | 900.0 | 15.5 | 6.0 | 218.7 | 9.7 | 6.1 | 7.6 | 297.5 | 315.4 | 6.6 | 53.2 | 1.7 | 34.5 |
| 3.9 | 19.6 | 1293.4 | 875.0 | 13.9 | 8.2 | 235.2 | 11.1 | 9.1 | 6.3 | 298.2 | 319.5 | 7.8 | 68.3 | 2.0 | 35.9 |
| 4.6 | 21.0 | 1537.4 | 850.0 | 11.7 | 9.6 | 243.2 | 10.6 | 9.4 | 4.8 | 298.4 | 322.3 | 8.9 | 87.1 | 2.3 | 37.1 |
| 5.5 | 23.5 | 1792.0 | 825.0 | 9.5 | 8.0 | 244.0 | 9.5 | 8.5 | 4.2 | 298.7 | 325.9 | 8.2 | 90.4 | 2.7 | 38.1 |
| 6.3 | 26.0 | 2042.0 | 800.0 | 7.8 | 5.1 | 235.6 | 7.9 | 6.5 | 4.5 | 299.5 | 318.4 | 6.9 | 83.0 | 3.0 | 39.0 |
| 7.2 | 29.6 | 2303.9 | 775.0 | 7.1 | 2.8 | 238.5 | 4.3 | 3.6 | 2.2 | 301.4 | 318.4 | 6.1 | 76.6 | 3.3 | 39.0 |
| 8.0 | 31.1 | 2573.2 | 750.0 | 5.4 | 1.8 | 271.9 | 1.9 | 1.7 | -0.1 | 302.5 | 318.9 | 5.9 | 77.5 | 3.4 | 39.0 |
| 8.9 | 33.8 | 2849.9 | 725.0 | 3.6 | 1.0 | 297.9 | 1.9 | 1.0 | -0.9 | 303.4 | 320.4 | 5.0 | 88.0 | 3.4 | 32.0 |
| 9.7 | 36.4 | 3134.6 | 700.0 | 2.1 | 0.9 | 315.9 | 1.6 | 1.0 | -1.2 | 304.8 | 321.3 | 5.9 | 92.0 | 3.4 | 33.0 |
| 10.9 | 39.2 | 3427.3 | 675.0 | -0.4 | -0.8 | 314.7 | 1.7 | 1.2 | -1.2 | 305.2 | 320.6 | 5.4 | 97.3 | 3.4 | 35.0 |
| 11.7 | 41.9 | 3726.6 | 650.0 | -2.5 | -4.0 | 316.9 | 4.2 | 2.9 | -3.1 | 306.1 | 318.8 | 4.4 | 89.2 | 3.4 | 37.0 |
| 12.9 | 44.7 | 4019.4 | 625.0 | -4.6 | -6.9 | 321.1 | 7.1 | 4.5 | -5.5 | 307.2 | 317.9 | 3.7 | 80.8 | 3.3 | 43.0 |
| 13.4 | 47.6 | 4359.5 | 600.0 | -6.1 | -11.7 | 315.3 | 9.2 | 6.4 | -6.6 | 309.0 | 317.0 | 2.6 | 65.4 | 3.3 | 52.0 |
| 14.9 | 50.5 | 4691.3 | 575.0 | -7.6 | -13.9 | 312.7 | 8.6 | 6.3 | -5.8 | 309.9 | 316.9 | 2.3 | 65.6 | 3.3 | 63.0 |
| 16.1 | 53.5 | 5114.7 | 550.0 | -10.8 | -26.5 | 336.8 | 5.5 | 4.4 | -3.3 | 311.3 | 314.0 | 0.8 | 26.4 | 3.7 | 78.0 |
| 17.2 | 56.5 | 5391.0 | 525.0 | -12.9 | -37.5 | 307.4 | 4.7 | 3.7 | -2.9 | 312.9 | 314.1 | 0.3 | 12.1 | 3.9 | 73.0 |
| 18.4 | 59.6 | 5762.4 | 500.0 | -14.1 | -58.8 | 310.5 | 5.8 | 4.4 | -3.8 | 315.9 | 316.0 | 0.0 | 1.0 | 4.1 | 79.0 |
| 19.4 | 62.9 | 6149.8 | 475.0 | -16.7 | -59.8 | 294.7 | 6.7 | 6.1 | -2.8 | 317.4 | 317.5 | 0.0 | 1.1 | 4.4 | 83.0 |
| 21.2 | 65.1 | 6553.9 | 450.0 | -19.1 | -51.7 | 286.6 | 7.4 | 7.1 | -2.1 | 319.2 | 319.5 | 0.1 | 4.3 | 5.0 | 86.0 |
| 22.6 | 69.6 | 6976.5 | 425.0 | -22.2 | -52.1 | 281.1 | 8.5 | 8.3 | -1.6 | 320.5 | 320.8 | 0.1 | 5.3 | 5.6 | 88.0 |
| 24.1 | 73.1 | 7419.3 | 400.0 | -25.4 | -46.1 | 273.2 | 8.6 | 8.5 | -0.5 | 322.0 | 322.1 | 0.0 | 1.0 | 6.3 | 89.0 |
| 25.5 | 76.5 | 7894.1 | 375.0 | -28.9 | -68.5 | 277.8 | 7.9 | 7.8 | -1.1 | 323.3 | 323.4 | 0.0 | 1.0 | 7.1 | 89.0 |
| 27.1 | 80.5 | 8374.3 | 350.0 | -32.8 | -58.8 | 302.6 | 6.7 | 5.7 | -3.6 | 325.5 | 324.7 | 0.0 | 5.9 | 7.7 | 91.0 |
| 28.7 | 84.5 | 8911.5 | 325.0 | -36.7 | -73.6 | 294.9 | 10.5 | 9.5 | -4.3 | 326.1 | 326.1 | 0.0 | 1.0 | 8.4 | 96.0 |
| 30.9 | 88.5 | 9440.7 | 300.0 | -41.4 | 99.9 | 293.9 | 14.2 | 11.0 | -5.7 | 327.1 | 999.9 | 99.9 | 999.9 | 9.8 | 97.0 |
| 32.9 | 92.8 | 10225.1 | 275.0 | -46.1 | 99.9 | 301.9 | 16.2 | 13.8 | -8.6 | 328.5 | 999.9 | 99.9 | 999.9 | 11.7 | 100.0 |
| 35.0 | 97.4 | 10651.5 | 250.0 | -51.4 | 99.9 | 305.4 | 18.3 | 14.9 | -10.6 | 329.7 | 999.9 | 99.9 | 999.9 | 13.5 | 104.0 |
| 37.1 | 102.2 | 11326.6 | 225.0 | -57.4 | 99.9 | 308.6 | 20.4 | 15.9 | -12.7 | 330.5 | 999.9 | 99.9 | 999.9 | 15.9 | 107.0 |
| 39.7 | 107.3 | 12062.7 | 200.0 | -62.6 | 99.9 | 317.4 | 21.4 | 14.5 | -15.7 | 333.6 | 999.9 | 99.9 | 999.9 | 18.0 | 111.0 |
| 42.4 | 112.8 | 12878.9 | 175.0 | -67.1 | 99.9 | 317.3 | 18.9 | 12.8 | -13.9 | 339.3 | 999.9 | 99.9 | 999.9 | 22.9 | 115.0 |
| 45.1 | 118.8 | 13905.9 | 150.0 | -64.7 | 99.9 | 312.5 | 17.1 | 14.5 | -9.0 | 357.0 | 999.9 | 99.9 | 999.9 | 28.9 | 118.0 |
| 47.7 | 125.5 | 14920.2 | 125.0 | -62.9 | 99.9 | 312.5 | 20.4 | 15.1 | -13.0 | 381.0 | 999.9 | 99.9 | 999.9 | 33.8 | 121.0 |
| 50.5 | 133.0 | 16280.7 | 100.0 | -64.8 | 99.9 | 329.8 | 13.7 | 6.9 | -11.8 | 405.6 | 999.9 | 99.9 | 999.9 | 37.3 | 124.0 |
| 53.4 | 141.3 | 18340.7 | 75.0 | -62.9 | 99.9 | 341.8 | 8.4 | 2.7 | -7.9 | 441.8 | 999.9 | 99.9 | 999.9 | 40.1 | 126.0 |
| 57.1 | 150.7 | 20558.0 | 50.0 | -60.2 | 99.9 | 337.5 | 6.0 | 2.3 | -5.6 | 501.7 | 999.9 | 99.9 | 999.9 | 44.5 | 128.0 |
| 70.3 | 160.7 | 25307.5 | 25.0 | -50.4 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 648.2 | 999.9 | 99.9 | 999.9 | 44.5 | 128.0 |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 18 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 433
SALEM, ILLINOIS20 APRIL 1979
1105 GMT

166 13. 0

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 7.4 | 175.0 | 998.3 | 13.4 | 5.3 | 130.0 | 5.1 | -3.9 | 3.3 | 206.7 | 301.4 | 5.6 | 58.0 | 0.0 | 0. |
| 0.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 0.7 | 9.6 | 374.3 | 975.0 | 14.8 | 1.2 | 152.7 | 13.5 | -6.2 | 12.0 | 290.1 | 301.7 | 4.3 | 39.8 | 0.4 | 317. |
| 1.4 | 12.0 | 594.7 | 950.0 | 16.9 | -1.5 | 165.5 | 10.3 | -2.6 | 10.0 | 294.3 | 304.4 | 3.6 | 28.5 | 1.0 | 328. |
| 2.1 | 14.4 | 922.0 | 925.0 | 16.5 | 4.5 | 191.8 | 7.8 | 1.6 | 7.6 | 296.2 | 311.8 | 5.7 | 44.8 | 1.3 | 336. |
| 2.8 | 16.8 | 1054.8 | 900.0 | 15.3 | 5.4 | 224.9 | 7.9 | 5.6 | 5.6 | 297.2 | 314.4 | 6.3 | 51.5 | 1.5 | 346. |
| 3.6 | 19.3 | 1293.2 | 875.0 | 13.6 | 6.6 | 242.4 | 0.4 | 7.5 | 3.9 | 297.9 | 317.0 | 7.0 | 62.5 | 1.7 | 358. |
| 4.3 | 21.8 | 1536.8 | 850.0 | 11.4 | 5.9 | 244.6 | 7.9 | 7.1 | 3.4 | 298.1 | 316.8 | 6.9 | 69.9 | 1.8 | 9. |
| 5.2 | 24.3 | 1785.8 | 825.0 | 9.2 | 7.1 | 256.2 | 7.9 | 7.6 | 1.9 | 298.3 | 319.3 | 7.7 | 86.7 | 2.1 | 18. |
| 6.0 | 26.9 | 2040.7 | 800.0 | 7.6 | 2.7 | 260.6 | 7.5 | 7.4 | 1.2 | 299.3 | 315.4 | 5.8 | 70.7 | 2.2 | 27. |
| 6.8 | 29.4 | 2322.9 | 775.0 | 6.0 | -0.8 | 244.8 | 6.9 | 6.2 | 2.9 | 300.3 | 313.5 | 4.7 | 61.5 | 2.5 | 31. |
| 7.6 | 32.0 | 2570.4 | 750.0 | 4.7 | 2.6 | 232.4 | 4.8 | 3.8 | 2.9 | 301.7 | 318.9 | 6.2 | 86.2 | 2.8 | 36. |
| 8.6 | 34.7 | 2837.0 | 725.0 | 3.5 | 2.1 | 207.7 | 2.6 | 1.2 | 2.3 | 303.3 | 320.6 | 6.2 | 90.5 | 3.0 | 36. |
| 9.6 | 37.4 | 3131.5 | 700.0 | 2.1 | 0.8 | 202.8 | 2.0 | 0.8 | 1.8 | 304.8 | 321.3 | 5.8 | 91.5 | 3.1 | 35. |
| 10.6 | 40.2 | 3424.4 | 675.0 | -0.1 | -1.1 | 243.0 | 2.2 | 2.0 | 1.0 | 305.5 | 320.5 | 5.2 | 93.1 | 3.2 | 35. |
| 11.5 | 43.0 | 3725.9 | 650.0 | -2.3 | -3.3 | 284.3 | 2.7 | 2.6 | -0.7 | 306.4 | 319.7 | 4.6 | 92.6 | 3.3 | 37. |
| 12.4 | 45.9 | 4037.0 | 625.0 | -4.0 | -5.4 | 317.2 | 3.6 | 2.4 | -2.6 | 307.9 | 319.9 | 4.1 | 89.6 | 3.3 | 40. |
| 13.5 | 48.9 | 4358.1 | 600.0 | -6.5 | -7.9 | 318.3 | 4.6 | 3.0 | -3.4 | 308.6 | 319.1 | 3.5 | 89.4 | 3.3 | 45. |
| 14.5 | 51.9 | 4699.8 | 575.0 | -8.8 | -10.3 | 318.2 | 4.6 | 3.1 | -3.5 | 309.6 | 318.4 | 3.2 | 85.8 | 3.3 | 50. |
| 15.6 | 54.9 | 5033.5 | 550.0 | -11.0 | -12.6 | 311.3 | 5.1 | 3.8 | -3.4 | 311.1 | 319.1 | 2.6 | 87.5 | 3.3 | 55. |
| 16.6 | 58.0 | 5390.1 | 525.0 | -11.8 | -13.9 | 274.0 | 6.8 | 6.2 | -2.8 | 314.2 | 315.1 | 0.2 | 9.2 | 3.4 | 61. |
| 17.8 | 61.1 | 5742.2 | 500.0 | -14.3 | -16.7 | 204.0 | 7.9 | 7.6 | -1.9 | 315.6 | 316.4 | 0.2 | 8.4 | 3.8 | 67. |
| 19.1 | 64.4 | 6143.5 | 475.0 | -16.5 | -18.2 | 277.5 | 9.2 | 9.2 | -1.2 | 317.6 | 318.3 | 0.2 | 8.7 | 4.4 | 71. |
| 20.4 | 67.8 | 6554.6 | 450.0 | -18.5 | -20.7 | 273.3 | 9.0 | 9.0 | -0.5 | 320.0 | 320.7 | 0.2 | 9.7 | 5.1 | 75. |
| 21.7 | 71.3 | 6977.7 | 425.0 | -22.7 | -24.7 | 274.4 | 8.7 | 8.7 | -0.7 | 319.9 | 321.6 | 0.5 | 32.2 | 5.7 | 77. |
| 23.2 | 74.9 | 7420.4 | 400.0 | -25.1 | -28.3 | 283.3 | 8.3 | 8.1 | -1.9 | 322.3 | 323.1 | 0.2 | 15.5 | 6.5 | 80. |
| 24.7 | 78.6 | 7884.6 | 375.0 | -28.5 | -32.3 | 283.1 | 6.9 | 6.7 | -1.6 | 323.9 | 324.7 | 0.2 | 20.1 | 7.1 | 82. |
| 26.3 | 82.4 | 8377.1 | 350.0 | -32.3 | -36.8 | 287.9 | 8.2 | 7.8 | -2.5 | 325.2 | 325.6 | 0.1 | 15.3 | 7.7 | 84. |
| 27.8 | 86.4 | 8895.0 | 325.0 | -36.8 | -41.9 | 296.5 | 11.9 | 10.7 | -3.3 | 325.9 | 326.3 | 0.1 | 19.0 | 9.5 | 86. |
| 29.4 | 90.7 | 9443.9 | 300.0 | -41.3 | -46.3 | 311.9 | 14.2 | 10.6 | -0.5 | 327.2 | 327.2 | 99.9 | 99.9 | 9.6 | 92. |
| 31.3 | 95.0 | 10228.5 | 275.0 | -46.3 | -51.0 | 320.9 | 15.6 | 9.8 | -12.1 | 328.2 | 328.2 | 99.9 | 99.9 | 10.8 | 98. |
| 33.2 | 99.4 | 10655.4 | 250.0 | -51.0 | -56.6 | 312.5 | 17.4 | 12.9 | -11.8 | 330.3 | 330.3 | 99.9 | 99.9 | 12.3 | 103. |
| 35.2 | 104.7 | 11332.5 | 225.0 | -56.6 | -62.7 | 304.2 | 19.0 | 15.7 | -10.7 | 331.7 | 331.7 | 99.9 | 99.9 | 14.3 | 107. |
| 37.4 | 110.0 | 12067.9 | 200.0 | -62.7 | -68.6 | 301.6 | 17.8 | 15.1 | -9.3 | 333.5 | 333.5 | 99.9 | 99.9 | 16.8 | 109. |
| 39.2 | 115.8 | 12831.9 | 175.0 | -68.6 | -74.5 | 297.4 | 18.4 | 16.3 | -8.5 | 340.0 | 340.0 | 99.9 | 99.9 | 19.2 | 111. |
| 42.7 | 122.3 | 13605.6 | 150.0 | -63.5 | -69.9 | 308.3 | 20.8 | 16.3 | -12.9 | 360.6 | 360.6 | 99.9 | 99.9 | 22.8 | 112. |
| 46.2 | 129.3 | 14297.7 | 125.0 | -63.6 | -69.9 | 326.6 | 15.4 | 8.0 | -13.1 | 379.8 | 379.8 | 99.9 | 99.9 | 26.2 | 116. |
| 50.7 | 137.5 | 14929.7 | 100.0 | -64.6 | -69.9 | 314.7 | 11.3 | 8.0 | -8.0 | 402.9 | 402.9 | 99.9 | 99.9 | 29.2 | 119. |
| 56.1 | 147.0 | 16037.4 | 75.0 | -63.4 | -69.9 | 326.2 | 8.4 | 4.7 | -7.0 | 439.9 | 439.9 | 99.9 | 99.9 | 32.3 | 121. |
| 63.2 | 157.0 | 20579.5 | 50.0 | -57.4 | -69.9 | 329.2 | 7.4 | 3.8 | -6.4 | 508.2 | 508.2 | 99.9 | 99.9 | 35.3 | 124. |
| 74.4 | 167.5 | 25048.4 | 25.0 | -48.6 | -69.9 | 999.9 | 99.9 | 99.9 | 99.9 | 645.0 | 645.0 | 99.9 | 99.9 | 37.9 | 125. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 454
DODGE CITY, KANSAS19 APRIL 1979
1115 GMT

| TIME MIN | CNCT | WEIGHT GPM | PRES MM | TEMP CG C | DEW PT CG C | DIR DG | SPEED M/SEC | I COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | WK MTD GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 18.4 | 791.0 | 920.4 | 17.2 | 16.6 | 170.0 | 7.7 | -1.3 | 7.6 | 257.3 | 331.6 | 13.0 | 96.0 | 0.0 | 0.0 |
| 00.0 | 90.0 | 99.0 | 1000.0 | 9.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 00.0 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 00.0 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 00.0 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 00.0 | 99.9 | 99.9 | 900.0 | 16.4 | 15.8 | 178.0 | 18.3 | -0.7 | 18.3 | 298.4 | 331.9 | 12.7 | 95.1 | 0.7 | 349.9 |
| 0.7 | 16.4 | 992.9 | 875.0 | 15.5 | 14.9 | 189.7 | 19.1 | 3.2 | 18.8 | 299.9 | 332.7 | 12.3 | 95.9 | 1.6 | 357.9 |
| 1.4 | 18.9 | 1223.1 | 850.0 | 14.4 | 13.7 | 197.4 | 21.4 | 6.4 | 20.5 | 301.2 | 332.7 | 11.7 | 95.6 | 2.8 | 3.9 |
| 2.4 | 21.3 | 1459.5 | 850.0 | 14.4 | 13.7 | 197.4 | 21.4 | 6.4 | 20.5 | 301.2 | 332.7 | 11.7 | 95.6 | 2.8 | 3.9 |
| 3.5 | 23.9 | 1721.8 | 825.0 | 12.7 | 11.9 | 200.9 | 22.9 | 8.2 | 21.4 | 302.0 | 331.0 | 10.7 | 95.5 | 4.0 | 9.9 |
| 4.5 | 26.4 | 1930.4 | 800.0 | 11.4 | 10.0 | 211.7 | 22.2 | 11.7 | 18.9 | 303.3 | 330.0 | 9.8 | 91.6 | 5.2 | 13.9 |
| 5.5 | 29.0 | 2245.9 | 775.0 | 12.4 | -12.2 | 225.4 | 17.9 | 12.8 | 12.6 | 307.1 | 313.1 | 1.9 | 16.7 | 6.5 | 18.9 |
| 6.5 | 31.7 | 2520.7 | 750.0 | 12.3 | -42.4 | 228.4 | 14.6 | 10.9 | 9.7 | 309.9 | 310.3 | 0.1 | 1.0 | 7.2 | 22.9 |
| 7.4 | 34.3 | 2833.0 | 725.0 | 9.9 | -43.8 | 228.7 | 14.7 | 10.7 | 10.1 | 310.3 | 310.7 | 0.1 | 1.0 | 8.0 | 28.9 |
| 8.2 | 37.1 | 3132.6 | 700.0 | 7.2 | -45.5 | 229.7 | 13.0 | 9.9 | 9.4 | 310.4 | 310.8 | 0.1 | 1.0 | 8.7 | 28.9 |
| 9.2 | 39.4 | 3400.0 | 675.0 | 4.7 | -35.2 | 230.2 | 12.3 | 9.4 | 7.8 | 310.8 | 311.9 | 0.3 | 3.6 | 9.3 | 28.9 |
| 10.1 | 42.7 | 3655.4 | 650.0 | 1.5 | -24.4 | 227.1 | 14.4 | 10.6 | 9.8 | 310.7 | 313.3 | 0.8 | 12.5 | 9.9 | 29.9 |
| 11.1 | 45.5 | 4009.6 | 625.0 | -1.3 | -19.9 | 225.1 | 13.6 | 9.6 | 9.6 | 311.0 | 315.0 | 1.3 | 22.7 | 10.7 | 31.9 |
| 12.1 | 48.5 | 4312.9 | 600.0 | -4.0 | -35.3 | 215.7 | 13.2 | 7.7 | 10.7 | 311.5 | 313.9 | 0.8 | 16.6 | 11.5 | 31.9 |
| 13.1 | 51.5 | 4617.6 | 575.0 | -5.7 | -53.5 | 210.6 | 13.2 | 6.7 | 11.4 | 313.3 | 313.5 | 0.0 | 1.0 | 12.6 | 31.9 |
| 14.1 | 54.5 | 4914.6 | 550.0 | -7.0 | -54.9 | 213.9 | 10.5 | 5.9 | 8.7 | 314.8 | 314.9 | 0.0 | 1.0 | 13.5 | 31.9 |
| 15.1 | 57.4 | 5374.1 | 525.0 | -12.6 | -56.6 | 219.0 | 11.0 | 6.9 | 8.6 | 315.7 | 315.8 | 0.0 | 1.0 | 14.2 | 33.9 |
| 16.1 | 60.9 | 5747.0 | 500.0 | -13.7 | -58.6 | 218.0 | 12.0 | 7.4 | 9.5 | 316.4 | 316.5 | 0.0 | 1.0 | 15.0 | 33.9 |
| 17.1 | 64.1 | 6134.5 | 475.0 | -16.7 | -60.5 | 218.8 | 11.9 | 7.4 | 9.2 | 317.3 | 317.4 | 0.0 | 1.0 | 15.9 | 33.9 |
| 18.1 | 67.6 | 6518.1 | 450.0 | -20.2 | -62.9 | 221.0 | 12.2 | 8.0 | 9.2 | 317.9 | 317.9 | 0.0 | 1.0 | 16.8 | 33.9 |
| 19.1 | 71.0 | 6958.9 | 425.0 | -23.2 | -64.7 | 233.9 | 11.3 | 9.1 | 6.7 | 319.3 | 319.4 | 0.0 | 1.0 | 17.7 | 33.9 |
| 20.1 | 74.6 | 7430.4 | 400.0 | -26.3 | -66.7 | 235.2 | 12.2 | 10.0 | 6.9 | 320.8 | 320.9 | 0.0 | 1.0 | 18.7 | 35.9 |
| 21.1 | 78.3 | 7923.7 | 375.0 | -29.9 | -69.1 | 225.3 | 14.8 | 10.5 | 10.4 | 322.0 | 322.0 | 0.0 | 1.0 | 20.0 | 36.9 |
| 22.1 | 82.2 | 8351.7 | 350.0 | -33.4 | -71.4 | 228.0 | 13.8 | 10.3 | 9.2 | 323.7 | 323.7 | 0.0 | 1.0 | 21.4 | 36.9 |
| 23.1 | 86.2 | 8872.2 | 325.0 | -37.8 | -74.3 | 237.3 | 14.5 | 12.2 | 7.9 | 324.6 | 324.6 | 0.0 | 1.0 | 22.7 | 37.9 |
| 24.1 | 90.4 | 9414.8 | 300.0 | -41.7 | -76.9 | 238.2 | 16.7 | 14.2 | 8.3 | 326.6 | 326.6 | 99.9 | 99.9 | 24.3 | 39.9 |
| 25.1 | 94.4 | 9998.3 | 275.0 | -46.2 | -79.9 | 242.7 | 16.0 | 14.2 | 8.3 | 328.3 | 328.3 | 99.9 | 99.9 | 25.8 | 40.9 |
| 26.1 | 98.5 | 10624.3 | 250.0 | -51.4 | -82.9 | 241.0 | 18.2 | 15.9 | 8.8 | 329.7 | 329.7 | 99.9 | 99.9 | 27.9 | 42.9 |
| 27.1 | 102.4 | 11299.7 | 225.0 | -57.2 | -85.9 | 240.0 | 20.1 | 17.4 | 10.0 | 330.8 | 330.8 | 99.9 | 99.9 | 30.4 | 43.9 |
| 28.1 | 106.4 | 12033.7 | 200.0 | -62.0 | -88.9 | 248.8 | 22.9 | 21.4 | 8.3 | 334.6 | 334.6 | 99.9 | 99.9 | 33.4 | 45.9 |
| 29.1 | 110.5 | 12947.3 | 175.0 | -63.1 | -90.7 | 250.5 | 20.8 | 19.6 | 6.9 | 345.9 | 345.9 | 99.9 | 99.9 | 36.6 | 47.9 |
| 30.1 | 115.5 | 13815.9 | 150.0 | -57.7 | -92.9 | 251.0 | 14.1 | 13.3 | 4.6 | 370.7 | 370.7 | 99.9 | 99.9 | 39.9 | 50.9 |
| 31.1 | 122.1 | 14735.2 | 125.0 | -62.3 | -94.9 | 254.3 | 17.2 | 16.6 | 4.7 | 382.2 | 382.2 | 99.9 | 99.9 | 42.7 | 51.9 |
| 32.1 | 129.0 | 15732.4 | 100.0 | -61.4 | -96.9 | 277.8 | 14.9 | 14.8 | -2.0 | 409.2 | 409.2 | 99.9 | 99.9 | 46.8 | 54.9 |
| 33.1 | 137.0 | 16329.4 | 75.0 | -63.9 | -98.9 | 306.4 | 7.6 | 6.1 | -4.5 | 445.3 | 445.3 | 99.9 | 99.9 | 47.8 | 52.9 |
| 34.1 | 146.3 | 17333.3 | 50.0 | -58.7 | -99.9 | 284.4 | 4.6 | 4.5 | -1.1 | 505.2 | 505.2 | 99.9 | 99.9 | 48.4 | 54.9 |
| 35.1 | 156.5 | 20615.1 | 25.0 | -54.7 | -99.9 | 339.4 | 7.7 | 2.7 | -1.2 | 639.6 | 639.6 | 99.9 | 99.9 | 50.0 | 63.9 |
| 36.1 | 167.0 | 25044.6 | 25.0 | -50.4 | -99.9 | 339.4 | 7.7 | 2.7 | -1.2 | 639.6 | 639.6 | 99.9 | 99.9 | 50.0 | 63.9 |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 0 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 451
 DODGE CITY, KANSAS

 19 APRIL 1979
 1415 GMT

154 14. 3

| TIME MIN | CHCT | HEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DS | W/SPEED M/SEC | W/COMP M/SEC | V COMP M/SEC | POT T DEG K | E POT T DEG K | MR RTO CM/KC | RM PCT | RANGE KM | AZ DEG |
|-------------|------|---------------|------------|---------------|-----------------|-----------|------------------|-----------------|-----------------|----------------|------------------|-----------------|-----------|-------------|-----------|
| 0.0 | 14.3 | 791.0 | 921.0 | 12.4 | 17.9 | 180.0 | 9.3 | 0.0 | 2.3 | 299.5 | 337.1 | 14.2 | 91.0 | 0.0 | 0. |
| 0.0 | 99.9 | 99.9 | 1033.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 953.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 905.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 875.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 845.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 815.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 785.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 755.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 725.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 695.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 665.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 635.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 605.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 575.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 545.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 515.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 485.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 455.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 425.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 395.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 365.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 335.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 305.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 275.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 245.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 215.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 185.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 155.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 125.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 95.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 65.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 35.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 5.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

 * BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED
 * BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 451
 DODGE CITY, KANSAS

 19 APRIL 1979
 1715 GMT

| TIME MIN | CNTCT | WEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO CM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 14.3 | 791.0 | 920.0 | 25.6 | 16.7 | 190.0 | 13.9 | 2.4 | 13.7 | 306.0 | 341.9 | 13.2 | 58.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 79.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.7 | 16.2 | 993.1 | 900.0 | 22.1 | 15.2 | 169.2 | 12.7 | 1.8 | 12.5 | 304.3 | 337.5 | 12.2 | 64.9 | 0.6 | 19. |
| 1.3 | 14.5 | 1227.6 | 875.0 | 19.7 | 14.7 | 169.7 | 14.3 | 2.4 | 14.1 | 304.3 | 337.3 | 12.2 | 73.0 | 1.1 | 14. |
| 1.3 | 21.0 | 1476.7 | 850.0 | 15.9 | 13.8 | 190.8 | 15.7 | 2.9 | 15.5 | 303.9 | 335.9 | 11.8 | 81.8 | 1.7 | 13. |
| 2.7 | 23.4 | 1731.1 | 825.0 | 14.3 | 13.1 | 197.4 | 16.0 | 4.8 | 15.2 | 303.7 | 335.4 | 11.6 | 92.7 | 2.4 | 12. |
| 3.6 | 25.9 | 1991.2 | 800.0 | 15.5 | -1.7 | 215.9 | 16.7 | 9.8 | 13.5 | 307.6 | 320.4 | 4.4 | 92.7 | 3.2 | 16. |
| 4.7 | 28.4 | 2249.9 | 775.0 | 14.4 | -11.4 | 216.8 | 15.7 | 9.4 | 12.6 | 309.3 | 315.6 | 2.1 | 15.6 | 4.3 | 23. |
| 5.7 | 31.0 | 2535.1 | 750.0 | 12.0 | -12.3 | 207.7 | 13.6 | 6.3 | 12.1 | 309.6 | 315.7 | 2.0 | 16.9 | 5.2 | 26. |
| 6.9 | 33.6 | 2917.7 | 725.0 | 9.5 | -12.4 | 207.1 | 13.7 | 6.2 | 12.2 | 309.9 | 316.2 | 2.0 | 19.8 | 6.0 | 24. |
| 7.9 | 36.2 | 3107.1 | 700.0 | 6.9 | -15.4 | 215.8 | 13.8 | 8.1 | 11.2 | 310.2 | 315.3 | 1.6 | 18.4 | 6.8 | 25. |
| 8.9 | 38.9 | 3404.6 | 675.0 | 4.6 | -14.2 | 227.2 | 14.3 | 10.5 | 9.7 | 310.6 | 316.6 | 1.9 | 24.0 | 7.7 | 27. |
| 10.1 | 41.7 | 3710.5 | 650.0 | 1.8 | -12.5 | 240.1 | 14.7 | 12.7 | 7.3 | 311.0 | 317.9 | 2.3 | 33.8 | 8.7 | 30. |
| 11.4 | 44.4 | 4025.3 | 625.0 | -0.9 | -11.8 | 243.7 | 15.9 | 14.3 | 7.0 | 311.4 | 319.0 | 2.5 | 43.2 | 9.7 | 34. |
| 12.7 | 47.3 | 4349.2 | 600.0 | -4.1 | -13.1 | 244.6 | 15.8 | 14.3 | 6.8 | 311.3 | 318.4 | 2.3 | 49.4 | 10.7 | 37. |
| 13.9 | 50.2 | 4693.1 | 575.0 | -6.7 | -31.2 | 237.1 | 14.8 | 12.4 | 6.1 | 312.2 | 314.5 | 0.7 | 17.7 | 11.8 | 40. |
| 15.2 | 53.3 | 5029.8 | 550.0 | -7.7 | -51.9 | 225.2 | 14.4 | 10.2 | 10.1 | 315.0 | 315.2 | 0.0 | 1.1 | 12.9 | 41. |
| 16.4 | 56.3 | 5390.2 | 525.0 | -10.1 | -50.6 | 221.8 | 14.7 | 9.8 | 11.0 | 316.3 | 316.6 | 0.1 | 2.0 | 14.0 | 41. |
| 17.7 | 59.4 | 5764.0 | 500.0 | -13.0 | -47.7 | 223.0 | 14.4 | 9.8 | 10.5 | 317.3 | 317.6 | 0.1 | 3.5 | 15.1 | 41. |
| 19.0 | 62.6 | 6152.0 | 475.0 | -16.9 | -48.3 | 225.0 | 13.8 | 9.8 | 9.8 | 317.0 | 317.4 | 0.1 | 4.6 | 16.2 | 41. |
| 20.3 | 65.9 | 6553.4 | 450.0 | -20.1 | -50.0 | 225.7 | 14.2 | 10.1 | 9.9 | 318.0 | 318.3 | 0.1 | 4.9 | 17.3 | 41. |
| 21.9 | 69.3 | 6974.4 | 425.0 | -23.3 | -52.1 | 229.9 | 14.0 | 10.7 | 9.0 | 319.1 | 319.4 | 0.1 | 5.1 | 18.5 | 42. |
| 23.3 | 72.9 | 7417.2 | 400.0 | -26.5 | -57.9 | 227.8 | 15.9 | 11.8 | 10.7 | 320.6 | 320.7 | 0.0 | 3.3 | 19.8 | 42. |
| 24.3 | 76.6 | 7890.1 | 375.0 | -30.0 | -58.2 | 225.2 | 15.6 | 11.1 | 11.0 | 321.9 | 322.0 | 0.0 | 4.5 | 21.2 | 43. |
| 26.7 | 80.4 | 8367.3 | 350.0 | -34.2 | -58.2 | 228.1 | 18.1 | 13.5 | 12.1 | 322.6 | 322.8 | 0.0 | 6.7 | 23.1 | 43. |
| 29.5 | 84.2 | 8991.0 | 325.0 | -39.4 | -60.0 | 226.7 | 16.1 | 13.1 | 12.4 | 323.8 | 324.0 | 0.0 | 9.1 | 25.1 | 43. |
| 32.5 | 88.3 | 9427.2 | 300.0 | -42.3 | 99.9 | 222.5 | 19.9 | 13.4 | 14.7 | 325.8 | 999.9 | 99.9 | 999.9 | 27.3 | 43. |
| 32.5 | 92.7 | 10309.6 | 275.0 | -46.8 | 99.9 | 221.6 | 21.0 | 14.0 | 15.7 | 327.4 | 999.9 | 99.9 | 999.9 | 27.7 | 43. |
| 34.9 | 97.4 | 10635.7 | 250.0 | -51.2 | 99.9 | 232.0 | 21.8 | 17.2 | 13.5 | 330.0 | 999.9 | 99.9 | 999.9 | 32.9 | 43. |
| 37.2 | 102.2 | 11311.6 | 225.0 | -56.8 | 99.9 | 235.3 | 23.6 | 19.4 | 13.4 | 331.5 | 999.9 | 99.9 | 999.9 | 35.9 | 44. |
| 39.4 | 107.5 | 12049.2 | 202.0 | -62.1 | 99.9 | 232.7 | 26.0 | 20.7 | 15.7 | 334.5 | 999.9 | 99.9 | 999.9 | 39.4 | 45. |
| 42.1 | 113.5 | 12871.6 | 175.0 | -60.8 | 99.9 | 245.6 | 18.7 | 17.0 | 7.7 | 349.5 | 999.9 | 99.9 | 999.9 | 43.0 | 46. |
| 45.0 | 119.9 | 13949.9 | 150.0 | -56.8 | 99.9 | 260.2 | 10.0 | 9.9 | 1.7 | 372.3 | 999.9 | 99.9 | 999.9 | 44.8 | 48. |
| 48.7 | 127.0 | 14993.2 | 125.0 | -61.2 | 99.9 | 244.5 | 13.2 | 11.9 | 5.7 | 384.2 | 999.9 | 99.9 | 999.9 | 47.1 | 48. |
| 52.5 | 135.0 | 16347.2 | 100.0 | -64.2 | 99.9 | 264.2 | 14.4 | 14.3 | 1.5 | 403.7 | 999.9 | 99.9 | 999.9 | 51.1 | 50. |
| 57.9 | 144.3 | 18135.3 | 75.0 | -62.1 | 99.9 | 291.0 | 5.9 | 5.5 | -2.1 | 442.9 | 999.9 | 99.9 | 999.9 | 52.8 | 52. |
| 64.8 | 154.7 | 20657.4 | 50.0 | -57.2 | 99.9 | 309.0 | 4.1 | 3.2 | -2.6 | 508.9 | 999.9 | 99.9 | 999.9 | 52.4 | 54. |
| 75.4 | 165.0 | 25102.1 | 25.0 | -47.8 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 647.4 | 999.9 | 99.9 | 999.9 | 54.0 | 57. |

 * BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 451
DODGE CITY, KANSAS

3 APRIL 1979

156 20- 0

| TIME MIN | CNCTY | HEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DEG K | E POT T DEG K | WX RTO GM/KG | RM PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|-----------------|-----------|-------------|-----------|
| 0.3 | 14.1 | 791.0 | 918.8 | 27.2 | 16.2 | 190.0 | 11.8 | 2.0 | 11.6 | 307.7 | 342.8 | 12.7 | 51.0 | 0.0 | 0. |
| 99.3 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.3 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.3 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.3 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.7 | 15.9 | 973.4 | 900.0 | 24.1 | 15.4 | 175.1 | 14.1 | -1.2 | 14.0 | 306.3 | 340.2 | 12.4 | 58.5 | 0.6 | 356. |
| 1.5 | 18.4 | 1219.4 | 875.0 | 21.3 | 13.8 | 183.0 | 14.2 | 0.7 | 14.2 | 306.0 | 337.4 | 11.5 | 62.2 | 1.4 | 357. |
| 2.4 | 20.9 | 1470.2 | 850.0 | 19.3 | 12.7 | 190.2 | 14.8 | 2.6 | 14.5 | 306.4 | 336.6 | 11.0 | 65.7 | 2.1 | 360. |
| 3.1 | 21.5 | 1726.6 | 825.0 | 17.1 | 11.5 | 196.2 | 15.1 | 4.2 | 14.5 | 306.7 | 335.5 | 10.4 | 69.5 | 2.7 | 4. |
| 4.1 | 26.3 | 1988.8 | 800.0 | 15.7 | 9.5 | 199.2 | 15.3 | 5.0 | 14.4 | 307.9 | 334.2 | 9.4 | 65.6 | 3.6 | 7. |
| 5.1 | 29.7 | 2257.7 | 775.0 | 13.3 | 6.3 | 198.4 | 14.9 | 4.7 | 14.2 | 308.1 | 330.0 | 7.8 | 62.5 | 4.4 | 10. |
| 5.3 | 31.3 | 2513.2 | 750.0 | 11.8 | 2.5 | 196.6 | 15.3 | 4.4 | 14.6 | 309.4 | 327.1 | 6.2 | 52.9 | 5.2 | 11. |
| 6.3 | 34.0 | 2915.8 | 725.0 | 9.4 | 0.2 | 202.3 | 15.3 | 5.8 | 14.1 | 309.8 | 325.4 | 5.4 | 53.6 | 6.8 | 12. |
| 7.7 | 36.9 | 3106.6 | 700.0 | 8.3 | -5.0 | 210.9 | 15.2 | 7.8 | 13.1 | 311.6 | 322.9 | 3.8 | 38.5 | 6.8 | 13. |
| 8.7 | 39.6 | 3405.7 | 675.0 | 5.8 | -7.0 | 218.4 | 14.7 | 9.1 | 11.5 | 312.1 | 321.9 | 3.4 | 39.2 | 7.6 | 16. |
| 9.5 | 42.3 | 3713.1 | 650.0 | 2.9 | -8.0 | 225.3 | 14.3 | 10.2 | 10.1 | 312.2 | 321.9 | 3.2 | 44.5 | 8.4 | 16. |
| 10.4 | 45.2 | 4029.1 | 625.0 | -0.1 | -10.8 | 237.9 | 13.6 | 11.6 | 7.2 | 312.3 | 320.6 | 2.7 | 44.3 | 9.1 | 21. |
| 11.7 | 48.2 | 4354.6 | 600.0 | -2.9 | -13.3 | 239.5 | 14.6 | 12.5 | 7.4 | 312.8 | 319.9 | 2.3 | 44.4 | 9.8 | 24. |
| 12.7 | 51.3 | 4670.0 | 575.0 | -6.1 | -13.2 | 234.3 | 15.5 | 12.6 | 9.0 | 312.9 | 320.3 | 2.4 | 50.4 | 10.5 | 27. |
| 13.5 | 54.3 | 5016.4 | 550.0 | -8.4 | -23.0 | 228.8 | 15.5 | 11.7 | 10.2 | 314.1 | 316.4 | 0.7 | 18.8 | 11.3 | 29. |
| 14.5 | 57.4 | 5395.4 | 525.0 | -11.3 | -24.3 | 222.7 | 15.7 | 10.7 | 11.5 | 314.9 | 316.2 | 1.0 | 35.0 | 12.2 | 30. |
| 15.5 | 60.6 | 5767.9 | 500.0 | -14.0 | -44.9 | 222.5 | 15.8 | 10.7 | 11.6 | 315.9 | 316.5 | 0.2 | 6.2 | 13.2 | 31. |
| 17.2 | 64.0 | 6155.2 | 475.0 | -16.4 | -60.3 | 228.6 | 14.9 | 11.1 | 9.8 | 317.7 | 317.7 | 0.0 | 1.0 | 14.6 | 32. |
| 18.7 | 67.3 | 6560.0 | 450.0 | -19.9 | -62.0 | 236.4 | 15.1 | 12.6 | 8.4 | 318.4 | 319.5 | 0.0 | 1.0 | 15.9 | 36. |
| 20.2 | 70.9 | 6993.1 | 425.0 | -21.7 | -63.8 | 239.7 | 15.8 | 13.5 | 8.2 | 321.1 | 321.2 | 0.0 | 1.0 | 17.2 | 36. |
| 21.6 | 74.4 | 7427.0 | 400.0 | -25.0 | -65.9 | 238.6 | 17.1 | 14.6 | 8.9 | 322.6 | 322.6 | 0.0 | 1.0 | 18.4 | 37. |
| 24.3 | 78.2 | 7892.4 | 375.0 | -33.4 | -61.3 | 240.6 | 18.0 | 15.6 | 10.6 | 323.2 | 323.2 | 0.0 | 2.1 | 19.7 | 39. |
| 25.7 | 84.1 | 8437.1 | 350.0 | -37.5 | -56.3 | 233.3 | 22.8 | 18.3 | 13.7 | 325.8 | 325.1 | 0.0 | 9.3 | 23.0 | 42. |
| 27.3 | 90.2 | 9444.3 | 300.0 | -41.6 | 99.9 | 228.2 | 23.2 | 17.3 | 15.5 | 326.8 | 999.9 | 99.9 | 999.9 | 25.1 | 43. |
| 29.3 | 96.7 | 10028.7 | 250.0 | -46.3 | 99.9 | 223.9 | 24.3 | 16.9 | 17.6 | 328.1 | 999.9 | 99.9 | 999.9 | 27.6 | 43. |
| 30.3 | 99.3 | 11655.1 | 225.0 | -51.3 | 99.9 | 226.4 | 31.0 | 18.2 | 17.3 | 329.8 | 999.9 | 99.9 | 999.9 | 30.2 | 43. |
| 32.3 | 104.2 | 11130.9 | 200.0 | -56.9 | 99.9 | 230.6 | 23.7 | 21.1 | 16.4 | 331.3 | 999.9 | 99.9 | 999.9 | 33.5 | 44. |
| 35.3 | 109.4 | 12069.3 | 200.0 | -61.1 | 99.9 | 232.0 | 23.7 | 21.1 | 16.4 | 336.0 | 999.9 | 99.9 | 999.9 | 37.3 | 44. |
| 37.5 | 115.3 | 12895.9 | 175.0 | -59.9 | 99.9 | 240.7 | 20.0 | 17.5 | 9.8 | 331.1 | 999.9 | 99.9 | 999.9 | 41.1 | 45. |
| 40.3 | 121.5 | 13868.6 | 150.0 | -57.5 | 99.9 | 245.3 | 16.0 | 14.9 | 5.8 | 337.0 | 999.9 | 99.9 | 999.9 | 45.3 | 47. |
| 43.3 | 126.3 | 15017.7 | 125.0 | -59.7 | 99.9 | 248.7 | 12.9 | 12.9 | 0.9 | 403.7 | 999.9 | 99.9 | 999.9 | 48.4 | 50. |
| 47.4 | 136.3 | 16397.5 | 100.0 | -64.2 | 99.9 | 266.1 | 5.9 | 5.4 | -2.4 | 441.7 | 999.9 | 99.9 | 999.9 | 50.1 | 51. |
| 51.9 | 145.3 | 18170.4 | 75.0 | -62.6 | 99.9 | 294.0 | 5.6 | 4.7 | -3.1 | 508.9 | 999.9 | 99.9 | 999.9 | 50.3 | 53. |
| 57.7 | 155.7 | 20688.5 | 50.0 | -56.7 | 99.9 | 304.0 | 4.1 | 2.5 | -3.2 | 643.5 | 999.9 | 99.9 | 999.9 | 50.9 | 56. |
| 67.1 | 167.0 | 25146.1 | 25.0 | -49.1 | 99.9 | 321.3 | 4.1 | 2.5 | -3.2 | 643.5 | 999.9 | 99.9 | 999.9 | 50.9 | 56. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 451
DODGE CITY, KANSAS19 APRIL 1979
2315 GMT

157 22.0

| TIME | CHYCT | WEIGHT | PRES | TEMP | DEW PT | DIR | SPEED | U COMP | V COMP | POT T | E POT T | WX RTO | RM | RANGE | AZ |
|------|-------|--------|--------|-------|--------|-------|-------|--------|--------|-------|---------|--------|-------|-------|-------|
| MIN | | GPM | MB | CG C | CG C | CG | M/SEC | M/SEC | M/SEC | CG K | CG K | CM/KG | PCT | KN | DG |
| 0.0 | 13.8 | 791.0 | 918.4 | 23.3 | 15.9 | 210.0 | 10.3 | 5.1 | 8.9 | 303.8 | 337.6 | 12.5 | 63.0 | 0.0 | 0. |
| 00.0 | 09.9 | 99.9 | 1000.0 | 93.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 01.0 | 09.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 02.0 | 09.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 03.0 | 09.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 04.0 | 15.3 | 907.6 | 900.0 | 21.4 | 15.2 | 241.4 | 10.7 | 9.4 | 5.1 | 303.6 | 336.6 | 12.2 | 67.7 | 0.5 | 8. |
| 05.0 | 17.3 | 1212.0 | 875.0 | 20.2 | 13.6 | 202.9 | 13.4 | 5.2 | 12.4 | 304.8 | 335.7 | 11.3 | 65.6 | 1.0 | 22. |
| 06.0 | 2.3 | 19.5 | 1461.8 | 17.9 | 11.6 | 208.6 | 18.9 | 9.1 | 16.6 | 304.9 | 332.9 | 10.2 | 66.6 | 1.9 | 21. |
| 07.0 | 2.7 | 1716.9 | 825.0 | 15.9 | 9.8 | 215.0 | 19.4 | 11.2 | 15.9 | 305.4 | 331.1 | 9.3 | 67.0 | 2.9 | 26. |
| 08.0 | 4.1 | 24.0 | 800.0 | 15.0 | 3.2 | 213.4 | 20.4 | 11.2 | 17.0 | 307.2 | 328.4 | 6.0 | 67.0 | 4.0 | 28. |
| 09.0 | 5.1 | 28.3 | 775.0 | 12.9 | 2.1 | 212.0 | 18.8 | 9.9 | 15.9 | 307.7 | 326.2 | 5.8 | 67.0 | 5.2 | 29. |
| 10.0 | 6.1 | 28.6 | 750.0 | 10.9 | -0.8 | 214.5 | 12.8 | 7.2 | 10.5 | 306.5 | 322.5 | 4.8 | 67.0 | 6.1 | 30. |
| 11.0 | 7.2 | 31.0 | 725.0 | 9.2 | -4.1 | 211.4 | 11.6 | 6.0 | 9.9 | 309.6 | 321.1 | 3.9 | 67.0 | 7.7 | 30. |
| 12.0 | 9.1 | 33.5 | 700.0 | 7.3 | -5.5 | 199.5 | 12.8 | 4.3 | 12.0 | 310.5 | 321.4 | 3.6 | 67.0 | 9.6 | 30. |
| 13.0 | 9.4 | 36.0 | 675.0 | 4.8 | -6.0 | 195.5 | 13.3 | 3.5 | 12.8 | 311.1 | 321.9 | 3.6 | 67.0 | 11.6 | 28. |
| 14.0 | 10.4 | 38.6 | 650.0 | 2.1 | -7.1 | 195.9 | 13.2 | 3.6 | 12.7 | 311.3 | 321.7 | 3.5 | 67.0 | 13.4 | 27. |
| 15.0 | 11.4 | 41.2 | 625.0 | -0.5 | -8.3 | 199.7 | 12.3 | 4.1 | 11.5 | 311.9 | 321.8 | 3.3 | 67.0 | 15.1 | 26. |
| 16.0 | 12.5 | 44.0 | 600.0 | -3.5 | -9.7 | 209.6 | 9.6 | 4.8 | 8.4 | 312.1 | 321.3 | 3.1 | 67.0 | 16.8 | 26. |
| 17.0 | 13.4 | 46.8 | 575.0 | -6.6 | -10.5 | 215.6 | 10.7 | 6.2 | 8.7 | 312.3 | 321.1 | 3.2 | 67.0 | 18.4 | 26. |
| 18.0 | 14.5 | 49.7 | 550.0 | -9.5 | -12.6 | 216.0 | 12.1 | 7.1 | 9.8 | 312.9 | 321.0 | 2.7 | 67.0 | 20.1 | 27. |
| 19.0 | 15.5 | 52.5 | 525.0 | -12.2 | -15.8 | 215.4 | 13.2 | 7.6 | 10.7 | 313.8 | 320.4 | 2.1 | 67.0 | 21.8 | 28. |
| 20.0 | 16.0 | 55.8 | 500.0 | -17.9 | -25.4 | 214.6 | 12.6 | 7.2 | 10.4 | 318.1 | 319.4 | 1.0 | 67.0 | 23.5 | 28. |
| 21.0 | 17.1 | 58.1 | 475.0 | -19.7 | -30.6 | 218.2 | 17.0 | 10.0 | 13.7 | 318.0 | 318.9 | 0.3 | 67.0 | 25.2 | 29. |
| 22.0 | 18.3 | 60.4 | 450.0 | -19.7 | -32.0 | 228.4 | 16.1 | 12.0 | 10.7 | 318.5 | 323.6 | 1.6 | 67.0 | 26.9 | 29. |
| 23.0 | 19.5 | 62.6 | 425.0 | -22.5 | -25.0 | 238.0 | 12.9 | 11.0 | 6.8 | 320.2 | 324.1 | 1.2 | 67.0 | 28.6 | 31. |
| 24.0 | 20.5 | 64.6 | 400.0 | -25.0 | -23.3 | 238.7 | 15.8 | 13.5 | 8.2 | 321.2 | 324.3 | 0.9 | 67.0 | 30.3 | 31. |
| 25.0 | 21.5 | 66.1 | 375.0 | -25.0 | -23.4 | 241.2 | 17.9 | 15.7 | 8.6 | 322.7 | 323.3 | 0.2 | 67.0 | 32.0 | 35. |
| 26.0 | 22.9 | 72.9 | 350.0 | -33.4 | -45.2 | 241.2 | 21.3 | 18.3 | 11.0 | 324.2 | 324.5 | 0.1 | 67.0 | 33.7 | 35. |
| 27.0 | 25.4 | 75.9 | 325.0 | -37.1 | -51.1 | 233.2 | 21.3 | 17.1 | 12.8 | 325.5 | 325.9 | 0.1 | 67.0 | 35.4 | 39. |
| 28.0 | 27.7 | 80.8 | 300.0 | -41.3 | 99.9 | 235.4 | 19.7 | 16.2 | 11.2 | 327.2 | 326.9 | 99.9 | 999.9 | 37.1 | 40. |
| 29.0 | 30.5 | 85.2 | 275.0 | -46.0 | 99.9 | 234.5 | 21.0 | 17.1 | 12.2 | 328.6 | 327.6 | 99.9 | 999.9 | 38.8 | 41. |
| 30.0 | 32.5 | 89.8 | 250.0 | -51.3 | 99.9 | 225.5 | 22.4 | 16.0 | 15.7 | 329.8 | 328.6 | 99.9 | 999.9 | 40.5 | 42. |
| 31.0 | 34.6 | 100.0 | 225.0 | -56.4 | 99.9 | 223.7 | 24.7 | 17.1 | 17.9 | 332.1 | 328.1 | 99.9 | 999.9 | 42.2 | 42. |
| 32.0 | 37.1 | 105.8 | 200.0 | -62.0 | 99.9 | 231.6 | 28.2 | 22.1 | 17.5 | 334.5 | 328.5 | 99.9 | 999.9 | 43.9 | 43. |
| 33.0 | 39.4 | 112.0 | 175.0 | -59.7 | 99.9 | 246.6 | 18.0 | 16.6 | 7.2 | 331.4 | 328.4 | 99.9 | 999.9 | 45.6 | 44. |
| 34.0 | 42.7 | 119.2 | 150.0 | -59.0 | 99.9 | 252.9 | 14.0 | 13.4 | 4.1 | 368.4 | 328.4 | 99.9 | 999.9 | 47.3 | 45. |
| 35.0 | 45.9 | 126.7 | 125.0 | -60.8 | 99.9 | 265.1 | 13.9 | 13.8 | 1.2 | 384.9 | 328.4 | 99.9 | 999.9 | 49.0 | 47. |
| 36.0 | 50.2 | 135.3 | 100.0 | -64.1 | 99.9 | 268.8 | 12.4 | 12.4 | 0.3 | 403.8 | 328.4 | 99.9 | 999.9 | 50.7 | 50. |
| 37.0 | 55.4 | 145.0 | 75.0 | -64.5 | 99.9 | 267.5 | 7.5 | 7.2 | -2.3 | 437.8 | 328.4 | 99.9 | 999.9 | 52.4 | 52. |
| 38.0 | 62.7 | 150.0 | 50.0 | -59.6 | 99.9 | 317.7 | 7.1 | 4.8 | -5.3 | 503.2 | 328.4 | 99.9 | 999.9 | 54.1 | 54. |
| 39.0 | 74.3 | 167.5 | 25.0 | -50.1 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 600.9 | 328.4 | 99.9 | 999.9 | 55.8 | 55. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 451
DODGE CITY, KANSAS

20 APRIL 1979
205 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DS C | DEW PT DS C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | WX RTO GM/KG | 3M PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 13.8 | 791.0 | 918.0 | 20.0 | 13.0 | 170.0 | 7.7 | -1.3 | 7.6 | 300.4 | 328.2 | 10.3 | 64.0 | 0.0 | 0. |
| 00.0 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.0 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.0 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.0 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.4 | 15.4 | 901.7 | 900.0 | 18.5 | 13.0 | 131.6 | 15.5 | 0.4 | 15.5 | 300.6 | 329.1 | 10.6 | 70.4 | 0.5 | 353. |
| 1.3 | 17.5 | 1203.7 | 875.0 | 18.0 | 0.9 | 131.0 | 15.5 | 3.5 | 15.1 | 302.5 | 325.1 | 8.2 | 55.3 | 1.1 | 360. |
| 2.2 | 19.7 | 1451.5 | 850.0 | 17.0 | 7.2 | 205.2 | 15.3 | 7.1 | 15.2 | 304.0 | 324.9 | 7.5 | 52.3 | 1.9 | 9. |
| 3.1 | 22.0 | 1706.6 | 825.0 | 17.0 | 3.5 | 209.6 | 18.7 | 9.0 | 16.4 | 306.6 | 322.6 | 5.6 | 37.9 | 2.9 | 16. |
| 3.7 | 24.3 | 1968.9 | 800.0 | 16.6 | 0.0 | 201.9 | 16.8 | 6.3 | 15.6 | 308.8 | 322.8 | 4.8 | 32.5 | 3.8 | 19. |
| 5.0 | 26.6 | 2218.5 | 775.0 | 15.2 | -3.1 | 190.5 | 18.1 | 3.3 | 17.8 | 310.2 | 321.1 | 3.7 | 26.2 | 4.9 | 18. |
| 6.0 | 29.0 | 2515.2 | 750.0 | 13.8 | -5.7 | 188.1 | 15.4 | 2.2 | 15.2 | 311.6 | 320.9 | 3.1 | 23.4 | 5.8 | 16. |
| 7.0 | 31.4 | 2799.6 | 725.0 | 11.4 | -7.3 | 198.4 | 15.0 | 4.7 | 14.2 | 311.9 | 321.2 | 3.0 | 25.2 | 6.8 | 15. |
| 7.7 | 34.0 | 3090.8 | 700.0 | 9.7 | -8.0 | 212.1 | 11.7 | 6.2 | 9.9 | 312.1 | 322.0 | 3.3 | 29.8 | 7.5 | 18. |
| 8.7 | 36.5 | 3390.4 | 675.0 | 5.7 | -7.2 | 219.0 | 11.0 | 6.9 | 8.5 | 312.1 | 322.0 | 3.3 | 38.7 | 8.2 | 16. |
| 10.1 | 39.1 | 3697.5 | 650.0 | 3.0 | -8.6 | 216.5 | 9.9 | 5.9 | 8.0 | 312.3 | 321.6 | 3.1 | 42.2 | 8.9 | 20. |
| 11.2 | 41.9 | 4013.5 | 625.0 | -0.1 | -9.9 | 210.6 | 7.6 | 3.9 | 6.6 | 312.4 | 321.1 | 2.9 | 47.5 | 9.4 | 21. |
| 12.1 | 44.6 | 4339.9 | 600.0 | -2.8 | -11.7 | 210.3 | 7.7 | 3.9 | 6.7 | 312.9 | 320.9 | 2.6 | 50.0 | 9.9 | 21. |
| 13.4 | 47.5 | 4674.5 | 575.0 | -5.4 | -22.4 | 218.3 | 8.6 | 5.3 | 6.7 | 313.7 | 317.8 | 1.3 | 28.6 | 10.4 | 22. |
| 14.5 | 50.4 | 5022.4 | 550.0 | -6.9 | -37.4 | 222.9 | 9.0 | 6.1 | 6.6 | 315.9 | 316.9 | 0.3 | 6.6 | 10.9 | 23. |
| 15.6 | 53.5 | 5383.3 | 525.0 | -9.8 | -42.2 | 226.4 | 9.4 | 6.8 | 6.5 | 316.7 | 317.3 | 0.2 | 5.1 | 11.5 | 24. |
| 17.0 | 56.6 | 5757.8 | 500.0 | -12.7 | -40.6 | 231.0 | 9.2 | 7.1 | 5.9 | 317.5 | 318.3 | 0.2 | 7.6 | 12.2 | 25. |
| 19.1 | 59.9 | 6146.6 | 475.0 | -16.0 | -36.6 | 242.3 | 9.5 | 8.4 | 4.4 | 318.2 | 319.4 | 0.3 | 14.9 | 12.9 | 27. |
| 20.0 | 63.1 | 6551.3 | 450.0 | -19.0 | -40.1 | 239.8 | 11.2 | 9.7 | 5.6 | 319.3 | 320.2 | 0.3 | 13.5 | 13.7 | 29. |
| 21.3 | 66.6 | 6974.8 | 425.0 | -21.4 | -46.7 | 237.4 | 14.2 | 12.0 | 7.7 | 321.6 | 322.1 | 0.1 | 8.0 | 14.6 | 31. |
| 22.7 | 70.1 | 7418.6 | 400.0 | -25.1 | -48.1 | 232.5 | 15.8 | 12.5 | 9.6 | 322.4 | 322.8 | 0.1 | 9.6 | 15.7 | 33. |
| 24.0 | 73.0 | 7893.7 | 375.0 | -29.2 | -47.4 | 226.2 | 15.5 | 11.2 | 10.7 | 322.9 | 323.5 | 0.1 | 15.2 | 17.2 | 35. |
| 26.0 | 76.0 | 8372.3 | 350.0 | -33.5 | -49.0 | 222.3 | 16.2 | 10.9 | 12.0 | 323.5 | 324.0 | 0.1 | 19.3 | 18.7 | 35. |
| 27.7 | 82.2 | 8988.4 | 325.0 | -37.1 | -49.7 | 218.4 | 21.2 | 13.2 | 16.6 | 325.5 | 326.0 | 0.1 | 25.4 | 20.6 | 36. |
| 29.4 | 86.5 | 9416.4 | 300.0 | -42.0 | 99.9 | 218.4 | 20.9 | 13.0 | 16.4 | 326.2 | 326.9 | 99.9 | 99.9 | 23.0 | 36. |
| 31.2 | 91.7 | 10119.6 | 275.0 | -45.6 | 99.9 | 208.9 | 21.4 | 10.4 | 18.8 | 327.7 | 327.7 | 99.9 | 99.9 | 25.2 | 36. |
| 33.1 | 96.0 | 10644.0 | 250.0 | -52.4 | 99.9 | 206.5 | 26.3 | 11.8 | 23.6 | 328.2 | 328.2 | 99.9 | 99.9 | 27.6 | 35. |
| 35.4 | 101.4 | 11315.7 | 225.0 | -58.3 | 99.9 | 215.9 | 25.9 | 15.2 | 21.0 | 329.2 | 329.2 | 99.9 | 99.9 | 31.4 | 34. |
| 37.5 | 107.0 | 12048.9 | 200.0 | -61.3 | 99.9 | 220.6 | 24.2 | 18.4 | 15.7 | 335.8 | 335.8 | 99.9 | 99.9 | 33.9 | 35. |
| 40.5 | 113.3 | 12850.2 | 175.0 | -56.4 | 99.9 | 236.8 | 26.0 | 21.7 | 14.2 | 356.9 | 356.9 | 99.9 | 99.9 | 39.9 | 37. |
| 43.5 | 120.0 | 13550.0 | 150.0 | -60.6 | 99.9 | 270.0 | 9.2 | 9.2 | 0.0 | 365.8 | 365.8 | 99.9 | 99.9 | 41.5 | 38. |
| 47.1 | 127.7 | 14978.0 | 125.0 | -64.2 | 99.9 | 256.8 | 14.2 | 13.8 | 3.2 | 378.8 | 378.8 | 99.9 | 99.9 | 43.1 | 40. |
| 51.4 | 136.0 | 15399.2 | 100.0 | -64.8 | 99.9 | 246.2 | 12.0 | 11.0 | 4.8 | 402.6 | 402.6 | 99.9 | 99.9 | 46.3 | 42. |
| 55.5 | 145.5 | 18099.4 | 75.0 | -62.9 | 99.9 | 290.4 | 4.6 | 4.3 | -1.6 | 441.1 | 441.1 | 99.9 | 99.9 | 48.1 | 44. |
| 60.0 | 156.0 | 20504.2 | 50.0 | -61.8 | 99.9 | 342.6 | 6.8 | 2.0 | -6.5 | 497.9 | 497.9 | 99.9 | 99.9 | 47.5 | 46. |
| 77.0 | 167.0 | 25007.1 | 25.0 | -52.1 | 99.9 | 277.4 | 8.9 | 8.9 | -1.2 | 635.0 | 635.0 | 99.9 | 99.9 | 48.0 | 49. |

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 451
DODGE CITY, KANSAS

20 APRIL 1979
505 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DEG K | E POT T DEG K | RMK RTO CM/KG | RM PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|------------------|-----------|-------------|-----------|
| 0.0 | 15.0 | 791.0 | 919.0 | 17.2 | 15.5 | 170.0 | 8.8 | -1.5 | 8.7 | 237.5 | 329.7 | 12.2 | 90.0 | 0.0 | 0. |
| 99.7 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.7 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.7 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.7 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 0.7 | 16.9 | 970.0 | 900.0 | 16.7 | 15.6 | 171.2 | 17.3 | -2.6 | 17.1 | 298.7 | 331.8 | 12.5 | 93.0 | 0.7 | 345. |
| 1.4 | 19.4 | 1210.7 | 875.0 | 17.7 | 5.0 | 186.3 | 17.5 | 1.9 | 16.5 | 302.1 | 319.6 | 6.3 | 43.2 | 1.5 | 351. |
| 2.2 | 21.9 | 1458.3 | 850.0 | 17.1 | 2.6 | 206.2 | 18.4 | 8.1 | 16.5 | 304.1 | 319.5 | 5.4 | 37.6 | 2.2 | 3. |
| 3.7 | 24.3 | 1713.0 | 825.0 | 16.2 | -0.8 | 215.6 | 21.5 | 12.5 | 17.5 | 307.8 | 314.5 | 2.2 | 33.9 | 3.1 | 10. |
| 4.7 | 26.9 | 1975.2 | 800.0 | 15.8 | -18.1 | 222.8 | 20.2 | 13.7 | 16.9 | 309.0 | 312.7 | 1.2 | 7.8 | 4.3 | 18. |
| 5.7 | 29.4 | 2244.3 | 775.0 | 15.2 | -35.5 | 232.8 | 18.4 | 14.6 | 11.1 | 310.2 | 311.0 | 0.3 | 1.8 | 5.2 | 24. |
| 6.7 | 32.0 | 2520.1 | 750.0 | 12.9 | -42.0 | 239.7 | 16.9 | 14.6 | 8.5 | 310.6 | 311.0 | 0.1 | 1.0 | 6.2 | 30. |
| 7.7 | 34.7 | 2793.1 | 725.0 | 13.4 | -43.5 | 239.9 | 18.0 | 15.6 | 9.0 | 310.9 | 311.3 | 0.1 | 1.0 | 7.1 | 34. |
| 8.1 | 37.3 | 3093.0 | 700.0 | 7.4 | -42.5 | 241.6 | 17.0 | 14.9 | 8.1 | 310.7 | 311.2 | 0.1 | 1.5 | 8.1 | 37. |
| 9.1 | 40.1 | 3390.2 | 675.0 | 4.4 | -37.3 | 241.5 | 17.5 | 15.4 | 8.4 | 310.5 | 311.3 | 0.2 | 3.0 | 9.1 | 40. |
| 10.2 | 42.9 | 3695.5 | 650.0 | 1.9 | -39.5 | 241.9 | 15.5 | 13.7 | 7.3 | 311.1 | 311.8 | 0.2 | 2.8 | 10.1 | 42. |
| 11.1 | 45.8 | 4010.4 | 625.0 | -0.3 | -50.1 | 238.6 | 11.3 | 9.6 | 5.9 | 312.2 | 312.4 | 0.1 | 1.0 | 10.8 | 44. |
| 12.2 | 48.7 | 4315.2 | 600.0 | -2.7 | -51.6 | 223.4 | 11.5 | 8.3 | 8.0 | 313.0 | 313.2 | 0.1 | 1.0 | 11.5 | 44. |
| 13.2 | 51.4 | 4670.9 | 575.0 | -5.1 | -53.2 | 223.4 | 12.1 | 8.3 | 8.0 | 314.0 | 314.2 | 0.0 | 1.0 | 12.2 | 44. |
| 14.1 | 54.5 | 5118.5 | 550.0 | -7.2 | -54.4 | 221.4 | 12.1 | 8.0 | 9.1 | 315.6 | 315.8 | 0.0 | 1.0 | 12.9 | 44. |
| 15.1 | 57.6 | 5379.2 | 525.0 | -9.9 | -56.2 | 214.8 | 8.3 | 4.6 | 6.8 | 316.5 | 316.7 | 0.0 | 1.0 | 13.5 | 44. |
| 16.4 | 60.9 | 5752.9 | 500.0 | -13.2 | -58.3 | 214.8 | 9.1 | 5.2 | 7.4 | 316.9 | 317.0 | 0.0 | 1.0 | 14.1 | 43. |
| 17.3 | 64.1 | 6191.0 | 475.0 | -16.4 | -60.3 | 227.1 | 8.7 | 6.4 | 5.9 | 317.7 | 317.8 | 0.0 | 1.0 | 14.8 | 43. |
| 19.3 | 67.4 | 6555.2 | 450.0 | -19.5 | -62.3 | 235.4 | 12.5 | 10.3 | 7.1 | 318.8 | 318.9 | 0.0 | 1.0 | 15.7 | 44. |
| 20.5 | 70.9 | 6966.8 | 425.0 | -22.9 | -64.5 | 234.5 | 14.3 | 11.6 | 8.3 | 319.6 | 319.7 | 0.0 | 1.0 | 16.9 | 45. |
| 22.1 | 74.4 | 7407.9 | 400.0 | -26.4 | -66.8 | 226.5 | 15.0 | 10.9 | 10.3 | 320.7 | 320.8 | 0.0 | 1.0 | 18.1 | 45. |
| 23.7 | 78.1 | 7971.5 | 375.0 | -27.7 | -69.0 | 223.7 | 17.3 | 12.0 | 12.5 | 322.3 | 322.3 | 0.0 | 1.0 | 19.6 | 45. |
| 25.2 | 82.3 | 8388.7 | 350.0 | -34.5 | -62.2 | 217.9 | 19.0 | 11.7 | 15.0 | 322.3 | 322.4 | 0.0 | 5.0 | 21.3 | 45. |
| 29.7 | 85.9 | 8873.0 | 325.0 | -34.0 | -63.0 | 218.8 | 20.3 | 12.7 | 15.9 | 324.3 | 324.4 | 0.0 | 5.2 | 23.1 | 44. |
| 29.7 | 90.0 | 9419.2 | 300.0 | -42.2 | 99.9 | 221.6 | 20.6 | 13.7 | 15.4 | 325.8 | 999.9 | 99.9 | 999.9 | 25.5 | 44. |
| 30.7 | 94.4 | 10011.8 | 275.0 | -46.9 | 99.9 | 216.2 | 23.2 | 13.7 | 18.7 | 327.4 | 999.9 | 99.9 | 999.9 | 29.1 | 43. |
| 32.5 | 99.0 | 10625.8 | 250.0 | -52.0 | 99.9 | 209.3 | 26.6 | 13.0 | 23.2 | 328.8 | 999.9 | 99.9 | 999.9 | 30.8 | 43. |
| 36.5 | 103.9 | 11299.9 | 225.0 | -57.6 | 99.9 | 206.1 | 30.2 | 13.3 | 27.1 | 330.2 | 999.9 | 99.9 | 999.9 | 34.1 | 41. |
| 37.0 | 109.2 | 12012.5 | 200.0 | -62.9 | 99.9 | 214.1 | 29.5 | 16.5 | 24.4 | 333.2 | 999.9 | 99.9 | 999.9 | 38.3 | 39. |
| 39.7 | 115.0 | 12464.3 | 175.0 | -57.0 | 99.9 | 223.5 | 24.5 | 16.9 | 17.8 | 335.8 | 999.9 | 99.9 | 999.9 | 42.6 | 40. |
| 42.4 | 121.3 | 13942.4 | 150.0 | -58.3 | 99.9 | 219.8 | 14.7 | 9.4 | 11.3 | 338.7 | 999.9 | 99.9 | 999.9 | 45.9 | 40. |
| 45.5 | 128.0 | 14981.0 | 125.0 | -60.7 | 99.9 | 248.9 | 14.0 | 13.1 | 5.7 | 339.1 | 999.9 | 99.9 | 999.9 | 48.1 | 40. |
| 49.0 | 136.0 | 16360.3 | 100.0 | -61.4 | 99.9 | 266.8 | 9.9 | 9.8 | 0.6 | 409.1 | 999.9 | 99.9 | 999.9 | 50.6 | 42. |
| 53.1 | 145.0 | 14130.5 | 75.0 | -62.0 | 99.9 | 208.6 | 4.7 | 2.2 | 4.1 | 431.0 | 999.9 | 99.9 | 999.9 | 51.3 | 43. |
| 59.6 | 159.3 | 23629.9 | 50.0 | -60.2* | 99.9 | 304.8 | 4.8 | 3.9 | -2.1 | 511.8 | 999.9 | 99.9 | 999.9 | 51.3 | 44. |
| 70.5 | 165.7 | 25025.2 | 25.0 | -52.5* | 99.9 | 292.7 | 10.2 | 9.4 | -3.9 | 634.2 | 999.9 | 99.9 | 999.9 | 52.2 | 47. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 451
DODGE CITY, KANSAS

20 APRIL 1979
805 GMT

118 116. 0

| TIME M/N | CHTCY | HEIGHT GPH | PRES MB | TEMP CG C | DEW PT CG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.3 | 14.6 | 791.0 | 920.5 | 17.2 | 14.5 | 190.0 | 0.2 | 1.4 | 0.1 | 297.3 | 327.4 | 11.4 | 84.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.5 | 16.6 | 983.9 | 900.0 | 15.8 | 13.6 | 211.0 | 15.1 | 7.8 | 13.0 | 297.8 | 327.0 | 11.0 | 87.0 | 0.5 | 22. |
| 1.3 | 19.1 | 1233.1 | 875.0 | 13.8 | 12.7 | 216.8 | 19.4 | 11.6 | 15.6 | 298.1 | 326.6 | 10.7 | 93.3 | 1.3 | 28. |
| 2.3 | 21.6 | 1468.7 | 850.0 | 14.7 | 10.1 | 227.5 | 22.6 | 16.7 | 15.3 | 301.6 | 326.7 | 9.2 | 78.1 | 2.5 | 35. |
| 3.1 | 24.1 | 1721.2 | 825.0 | 13.9 | 4.7 | 238.3 | 20.3 | 17.3 | 10.7 | 303.3 | 321.5 | 6.5 | 53.7 | 3.5 | 40. |
| 3.9 | 26.6 | 1940.2 | 800.0 | 12.5 | 0.2 | 247.5 | 17.5 | 16.1 | 6.7 | 304.4 | 318.3 | 4.9 | 42.8 | 4.4 | 45. |
| 4.7 | 29.1 | 2245.4 | 775.0 | 10.3 | -8.3 | 257.5 | 15.4 | 15.0 | 3.3 | 305.9 | 312.7 | 2.6 | 28.1 | 5.1 | 49. |
| 5.7 | 31.8 | 2517.3 | 750.0 | 8.6 | -9.6 | 261.8 | 13.4 | 13.2 | 1.9 | 305.9 | 313.2 | 2.5 | 26.4 | 5.8 | 54. |
| 6.6 | 34.4 | 2796.5 | 725.0 | 6.3 | -7.3 | 263.5 | 11.0 | 11.7 | 1.3 | 306.4 | 315.5 | 3.1 | 37.2 | 6.4 | 57. |
| 7.5 | 37.1 | 3083.2 | 700.0 | 4.8 | -21.2 | 264.8 | 11.1 | 11.0 | 1.0 | 307.9 | 311.0 | 1.0 | 13.0 | 7.0 | 59. |
| 8.4 | 39.9 | 3378.0 | 675.0 | 2.0 | -17.6 | 262.1 | 10.3 | 10.2 | 1.4 | 307.9 | 312.3 | 1.4 | 21.6 | 7.5 | 61. |
| 9.3 | 42.7 | 3681.4 | 650.0 | -0.3 | -10.8 | 245.5 | 11.7 | 10.7 | 4.9 | 308.6 | 310.4 | 2.6 | 45.1 | 8.0 | 62. |
| 10.2 | 45.6 | 3994.2 | 625.0 | -2.0 | -21.2 | 232.2 | 14.3 | 11.3 | 8.8 | 310.2 | 313.8 | 1.1 | 21.5 | 8.8 | 61. |
| 11.2 | 48.4 | 4317.0 | 600.0 | -4.9 | -16.6 | 226.7 | 15.4 | 11.3 | 10.6 | 310.5 | 315.1 | 1.5 | 33.4 | 9.6 | 60. |
| 12.2 | 51.4 | 4649.9 | 575.0 | -7.8 | -16.2 | 219.2 | 14.8 | 9.4 | 11.5 | 310.8 | 316.6 | 1.9 | 51.1 | 10.5 | 59. |
| 13.4 | 54.4 | 4994.1 | 550.0 | -9.4 | -50.3 | 203.5 | 15.2 | 6.0 | 13.9 | 312.9 | 313.2 | 0.1 | 2.1 | 11.5 | 56. |
| 14.4 | 57.5 | 5353.0 | 525.0 | -10.7 | -37.1 | 197.8 | 15.0 | 4.6 | 14.3 | 315.6 | 316.7 | 0.3 | 9.2 | 12.5 | 53. |
| 16.1 | 60.4 | 5726.4 | 500.0 | -13.3 | -45.1 | 202.3 | 12.4 | 4.7 | 11.5 | 316.8 | 317.3 | 0.1 | 4.6 | 13.4 | 50. |
| 17.5 | 63.9 | 6114.4 | 475.0 | -16.2 | -48.4 | 218.0 | 15.9 | 9.8 | 12.6 | 318.0 | 318.3 | 0.1 | 4.1 | 14.4 | 49. |
| 18.9 | 67.3 | 6518.8 | 450.0 | -19.6 | -48.9 | 226.9 | 17.3 | 12.6 | 11.8 | 318.6 | 318.9 | 0.1 | 5.4 | 15.8 | 48. |
| 20.3 | 70.7 | 6940.3 | 425.0 | -23.1 | -53.2 | 232.9 | 18.6 | 14.8 | 11.2 | 319.4 | 319.6 | 0.1 | 4.4 | 17.3 | 48. |
| 21.7 | 74.3 | 7382.3 | 400.0 | -25.7 | -55.2 | 239.4 | 20.7 | 15.7 | 13.4 | 321.6 | 321.8 | 0.1 | 4.3 | 18.9 | 49. |
| 23.7 | 77.9 | 7846.0 | 375.0 | -30.0 | -55.3 | 227.0 | 20.9 | 15.3 | 14.2 | 321.9 | 322.2 | 0.1 | 8.4 | 20.7 | 49. |
| 26.6 | 81.7 | 8332.9 | 350.0 | -34.3 | -58.1 | 225.5 | 20.8 | 14.8 | 14.6 | 323.5 | 323.6 | 0.0 | 6.9 | 22.6 | 48. |
| 28.4 | 85.7 | 8846.4 | 325.0 | -38.6 | -59.7 | 228.4 | 21.4 | 16.0 | 14.2 | 323.4 | 323.6 | 0.0 | 8.7 | 24.9 | 48. |
| 29.5 | 90.0 | 9391.3 | 300.0 | -42.5 | 99.9 | 229.5 | 22.5 | 17.1 | 14.6 | 325.4 | 325.4 | 99.9 | 99.9 | 27.5 | 48. |
| 30.5 | 94.3 | 9974.0 | 275.0 | -47.2 | 99.9 | 228.5 | 24.1 | 18.0 | 16.0 | 326.8 | 326.8 | 99.9 | 99.9 | 30.3 | 48. |
| 32.7 | 99.0 | 10597.4 | 250.0 | -52.4 | 99.9 | 222.9 | 23.6 | 16.0 | 17.2 | 328.2 | 328.2 | 99.9 | 99.9 | 33.6 | 48. |
| 34.9 | 104.0 | 11270.6 | 225.0 | -57.6 | 99.9 | 216.8 | 26.7 | 16.0 | 21.4 | 330.2 | 330.2 | 99.9 | 99.9 | 36.7 | 47. |
| 37.1 | 109.3 | 12007.3 | 200.0 | -62.0 | 99.9 | 216.3 | 26.8 | 15.9 | 21.6 | 334.5 | 334.5 | 99.9 | 99.9 | 40.1 | 46. |
| 40.1 | 115.0 | 12539.2 | 175.0 | -56.7 | 99.9 | 226.7 | 23.7 | 19.8 | 13.0 | 354.4 | 354.4 | 99.9 | 99.9 | 45.0 | 46. |
| 42.8 | 121.3 | 13016.5 | 150.0 | -57.6 | 99.9 | 218.7 | 12.6 | 7.9 | 9.9 | 370.6 | 370.6 | 99.9 | 99.9 | 48.1 | 47. |
| 46.1 | 128.3 | 14950.8 | 125.0 | -61.1 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 384.3 | 384.3 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 451
DODGE CITY, KANSAS20 APRIL 1969
1130 GMT

| TIME MIN | CNCT | WEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | J COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO CM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| | | | | | | | | | | | | | | | |
| 0.7 | 10.0 | 791.0 | 925.5 | 10.0 | 7.3 | 360.0 | 14.4 | 0.0 | -14.4 | 289.5 | 307.7 | 6.9 | 83.0 | 0.0 | 0. |
| 99.7 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.7 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.7 | 10.0 | 795.5 | 925.0 | 9.9 | 7.2 | 359.7 | 14.5 | 0.1 | -14.5 | 289.5 | 307.7 | 6.9 | 83.2 | 0.0 | 0. |
| 0.3 | 16.4 | 1022.7 | 930.0 | 7.7 | 6.6 | 352.9 | 10.6 | 2.3 | -18.5 | 289.5 | 307.4 | 6.8 | 92.8 | 0.0 | 174. |
| 1.5 | 18.8 | 1254.4 | 875.0 | 5.7 | 5.1 | 358.2 | 22.5 | 0.7 | -22.5 | 289.7 | 306.4 | 6.3 | 96.2 | 1.6 | 173. |
| 2.1 | 21.2 | 1493.0 | 850.0 | 7.2 | 6.9 | 3.6 | 14.7 | -2.0 | -22.4 | 293.7 | 313.2 | 7.3 | 96.7 | 2.7 | 177. |
| 3.7 | 23.7 | 1739.2 | 825.0 | 7.3 | 6.9 | 3.6 | 14.7 | -0.9 | -14.6 | 296.4 | 316.8 | 7.6 | 95.7 | 3.6 | 180. |
| 3.3 | 26.2 | 1922.9 | 800.0 | 6.8 | 6.3 | 357.4 | 9.5 | 0.4 | -9.5 | 298.4 | 318.9 | 7.5 | 96.5 | 4.1 | 180. |
| 4.6 | 28.7 | 2253.7 | 775.0 | 5.7 | 2.5 | 319.3 | 4.8 | 3.1 | -3.6 | 299.9 | 316.4 | 6.0 | 85.5 | 4.5 | 179. |
| 5.5 | 31.3 | 2553.1 | 750.0 | 7.8 | -45.1 | 235.3 | 5.1 | 4.2 | 2.9 | 305.0 | 305.3 | 0.1 | 1.0 | 4.4 | 177. |
| 4.4 | 33.7 | 2931.0 | 725.0 | 5.8 | -46.7 | 275.2 | 7.8 | 6.5 | 4.4 | 305.9 | 306.2 | 0.1 | 1.0 | 4.2 | 173. |
| 7.4 | 36.6 | 3266.7 | 700.0 | 3.7 | -47.7 | 244.9 | 11.0 | 10.0 | 4.7 | 306.6 | 306.8 | 0.1 | 1.0 | 4.1 | 166. |
| 8.4 | 39.3 | 3380.3 | 675.0 | 1.3 | -49.1 | 240.2 | 13.3 | 11.6 | 6.6 | 307.1 | 307.3 | 0.1 | 1.0 | 3.9 | 155. |
| 9.3 | 42.1 | 3592.4 | 650.0 | -1.2 | -50.7 | 240.5 | 15.2 | 13.2 | 7.5 | 307.6 | 307.8 | 0.0 | 1.0 | 4.0 | 144. |
| 10.5 | 44.9 | 3933.2 | 625.0 | -4.1 | -52.5 | 241.2 | 18.5 | 16.2 | 8.9 | 307.7 | 307.9 | 0.0 | 1.0 | 4.2 | 128. |
| 11.1 | 47.3 | 4131.6 | 600.0 | -6.4 | -53.9 | 241.5 | 19.7 | 17.3 | 9.4 | 308.8 | 308.9 | 0.0 | 1.0 | 4.8 | 116. |
| 12.5 | 52.7 | 4644.8 | 575.0 | -9.6 | -55.3 | 242.8 | 17.7 | 15.8 | 8.1 | 310.0 | 310.1 | 0.0 | 1.0 | 5.6 | 105. |
| 13.4 | 53.7 | 4988.5 | 550.0 | -9.8 | -56.1 | 245.6 | 16.7 | 15.2 | 6.9 | 312.5 | 312.6 | 0.0 | 1.0 | 6.5 | 99. |
| 14.5 | 56.4 | 5345.9 | 525.0 | -12.1 | -57.6 | 238.4 | 15.6 | 13.3 | 8.2 | 313.9 | 314.0 | 0.0 | 1.0 | 7.3 | 95. |
| 15.7 | 59.9 | 5716.4 | 500.0 | -15.5 | -59.8 | 227.5 | 16.0 | 11.8 | 10.8 | 314.1 | 314.2 | 0.0 | 1.0 | 9.1 | 90. |
| 17.7 | 63.1 | 6170.9 | 475.0 | -17.0 | -62.0 | 218.5 | 17.5 | 11.1 | 13.5 | 314.5 | 314.6 | 0.0 | 1.0 | 9.1 | 84. |
| 18.3 | 66.4 | 6530.6 | 450.0 | -22.1 | -64.0 | 223.2 | 18.3 | 12.6 | 13.4 | 315.5 | 315.6 | 0.0 | 1.0 | 10.1 | 78. |
| 19.7 | 69.9 | 6919.1 | 425.0 | -24.7 | -65.7 | 233.5 | 19.4 | 15.6 | 11.5 | 317.3 | 317.4 | 0.0 | 1.0 | 11.5 | 74. |
| 21.1 | 73.3 | 7357.8 | 400.0 | -27.4 | -67.5 | 238.1 | 22.4 | 19.0 | 11.8 | 319.4 | 319.4 | 0.0 | 1.0 | 13.1 | 72. |
| 22.5 | 77.7 | 7819.4 | 375.0 | -30.7 | -69.6 | 231.4 | 22.0 | 17.2 | 13.7 | 321.0 | 321.1 | 0.0 | 1.0 | 14.9 | 70. |
| 24.7 | 80.4 | 8335.7 | 350.0 | -34.6 | -72.2 | 233.7 | 22.9 | 18.5 | 13.6 | 322.1 | 322.1 | 0.0 | 1.0 | 16.9 | 68. |
| 25.7 | 83.9 | 8918.6 | 325.0 | -38.3 | 99.9 | 239.9 | 23.7 | 19.6 | 13.8 | 322.5 | 322.5 | 99.9 | 99.9 | 19.3 | 66. |
| 27.7 | 89.2 | 9361.7 | 300.0 | -43.5 | 99.9 | 230.7 | 23.7 | 18.4 | 15.0 | 324.0 | 324.0 | 99.9 | 99.9 | 21.9 | 64. |
| 29.5 | 93.3 | 9941.0 | 275.0 | -48.4 | 99.9 | 227.6 | 24.4 | 18.4 | 16.4 | 325.2 | 325.2 | 99.9 | 99.9 | 24.6 | 63. |
| 31.5 | 98.2 | 10541.5 | 250.0 | -53.1 | 99.9 | 226.3 | 25.4 | 18.4 | 17.5 | 327.2 | 327.2 | 99.9 | 99.9 | 27.4 | 61. |
| 33.5 | 103.9 | 11235.6 | 225.0 | -57.4 | 99.9 | 221.8 | 25.7 | 17.1 | 19.2 | 330.5 | 330.5 | 99.9 | 99.9 | 30.6 | 60. |
| 35.7 | 108.2 | 11972.7 | 200.0 | -61.3 | 99.9 | 220.1 | 24.5 | 15.8 | 18.7 | 335.8 | 335.8 | 99.9 | 99.9 | 33.8 | 57. |
| 38.5 | 114.0 | 12735.2 | 175.0 | -59.1 | 99.9 | 227.7 | 22.6 | 16.7 | 15.2 | 352.5 | 352.5 | 99.9 | 99.9 | 37.7 | 56. |
| 41.3 | 120.3 | 13741.9 | 150.0 | -57.1 | 99.9 | 242.3 | 13.3 | 11.8 | 6.2 | 371.7 | 371.7 | 99.9 | 99.9 | 40.4 | 56. |
| 44.9 | 127.3 | 14922.8 | 125.0 | -60.4 | 99.9 | 236.1 | 12.1 | 10.1 | 6.8 | 385.6 | 385.6 | 99.9 | 99.9 | 42.9 | 54. |
| 48.7 | 135.3 | 16304.5 | 100.0 | -63.3 | 99.9 | 254.2 | 14.2 | 13.6 | 3.9 | 405.5 | 405.5 | 99.9 | 99.9 | 46.1 | 57. |
| 53.3 | 144.0 | 19588.4 | 75.0 | -62.0 | 99.9 | 599.9 | 99.9 | 99.9 | 99.9 | 443.8 | 443.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.7 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 456
TOPEKA, KANSAS19 APRIL 1979
1100 GMT

| TIME MIN | CNTCT | WEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | J COMP M/SEC | V COMP M/SEC | POT T DEG K | E POT T DEG K | WX RTO GM/KG | RM PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|-----------------|-----------|-------------|-----------|
| 0.0 | 0.2 | 268.0 | 984.6 | 16.1 | 13.4 | 160.0 | 5.1 | -1.7 | 4.8 | 290.5 | 316.1 | 9.9 | 84.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 6.3 | 9.1 | 351.5 | 975.0 | 16.4 | 10.7 | 200.5 | 6.3 | 2.9 | 7.8 | 291.6 | 313.5 | 8.3 | 69.2 | 0.4 | 351. |
| 1.3 | 11.5 | 572.3 | 950.0 | 16.6 | 10.2 | 197.4 | 13.3 | 4.0 | 12.7 | 292.0 | 313.6 | 8.3 | 75.2 | 0.7 | 3. |
| 1.7 | 13.8 | 798.1 | 925.0 | 14.6 | 12.7 | 205.4 | 19.0 | 7.9 | 17.3 | 294.3 | 320.6 | 10.1 | 88.6 | 1.4 | 11. |
| 2.5 | 16.3 | 1031.0 | 900.0 | 14.6 | 13.8 | 211.7 | 17.9 | 9.4 | 15.2 | 296.5 | 325.0 | 11.1 | 98.8 | 2.3 | 19. |
| 3.6 | 19.8 | 1269.6 | 875.0 | 13.7 | 12.9 | 208.0 | 16.1 | 7.5 | 14.2 | 298.1 | 326.6 | 10.8 | 98.6 | 3.2 | 23. |
| 4.3 | 21.9 | 1514.2 | 850.0 | 12.7 | 11.1 | 202.7 | 16.1 | 6.2 | 14.8 | 299.4 | 325.3 | 9.8 | 90.2 | 4.0 | 23. |
| 5.2 | 23.9 | 1765.0 | 825.0 | 11.4 | 9.5 | 201.2 | 13.2 | 4.8 | 12.3 | 300.6 | 325.3 | 9.1 | 88.5 | 4.8 | 23. |
| 6.0 | 26.3 | 2021.9 | 800.0 | 9.3 | 8.0 | 201.8 | 12.9 | 4.8 | 12.0 | 301.1 | 324.2 | 8.5 | 91.9 | 5.4 | 23. |
| 6.7 | 28.9 | 2284.8 | 775.0 | 7.3 | 6.2 | 203.0 | 14.4 | 6.1 | 13.1 | 301.7 | 322.9 | 7.7 | 92.6 | 6.1 | 23. |
| 7.7 | 31.6 | 2554.9 | 750.0 | 5.8 | 4.7 | 202.3 | 13.7 | 6.7 | 11.9 | 302.9 | 322.8 | 7.2 | 93.0 | 6.8 | 23. |
| 8.6 | 34.2 | 2812.2 | 725.0 | 5.1 | -2.4 | 222.5 | 13.5 | 9.1 | 9.9 | 305.1 | 317.9 | 4.4 | 58.2 | 7.4 | 26. |
| 9.5 | 36.9 | 3119.2 | 700.0 | 5.0 | -3.4 | 232.1 | 14.0 | 11.1 | 8.6 | 308.1 | 320.5 | 4.3 | 54.5 | 8.1 | 26. |
| 10.3 | 39.7 | 3415.0 | 675.0 | 2.9 | -7.1 | 230.9 | 14.2 | 11.9 | 7.7 | 308.9 | 316.9 | 3.3 | 47.8 | 8.7 | 29. |
| 11.3 | 42.4 | 3719.6 | 650.0 | 0.7 | -10.1 | 245.5 | 14.1 | 12.9 | 5.9 | 309.8 | 316.1 | 2.8 | 44.6 | 9.3 | 31. |
| 12.2 | 45.3 | 4033.2 | 625.0 | -1.8 | -13.3 | 248.8 | 15.6 | 14.4 | 6.2 | 310.5 | 317.2 | 2.2 | 40.9 | 10.2 | 34. |
| 13.2 | 48.2 | 4358.3 | 600.0 | -4.7 | -14.3 | 250.9 | 14.5 | 13.7 | 4.7 | 310.7 | 317.2 | 2.1 | 40.0 | 10.9 | 37. |
| 14.2 | 51.3 | 4699.5 | 575.0 | -7.8 | -15.5 | 252.9 | 13.1 | 12.6 | 3.9 | 310.9 | 317.0 | 2.0 | 33.7 | 11.6 | 39. |
| 15.4 | 54.3 | 5033.2 | 550.0 | -10.9 | -16.5 | 255.8 | 12.0 | 11.7 | 2.9 | 311.2 | 317.1 | 1.9 | 63.5 | 12.3 | 41. |
| 16.1 | 57.4 | 5388.8 | 525.0 | -14.0 | -19.4 | 254.3 | 10.8 | 10.4 | 2.9 | 311.6 | 316.5 | 1.6 | 63.6 | 12.9 | 43. |
| 17.4 | 60.5 | 5758.3 | 500.0 | -15.0 | -20.4 | 252.9 | 8.1 | 7.8 | 2.2 | 314.7 | 314.8 | 0.0 | 1.0 | 13.4 | 44. |
| 18.7 | 63.9 | 6144.6 | 475.0 | -17.2 | -20.8 | 252.7 | 7.0 | 6.7 | 2.1 | 316.7 | 316.6 | 0.0 | 1.0 | 13.9 | 46. |
| 20.0 | 67.1 | 6547.7 | 450.0 | -20.0 | -22.6 | 253.8 | 6.7 | 6.4 | 1.9 | 318.2 | 318.2 | 0.0 | 1.0 | 14.3 | 46. |
| 21.3 | 70.7 | 6969.0 | 425.0 | -23.2 | -23.1 | 250.4 | 7.1 | 6.7 | 2.4 | 319.3 | 319.6 | 0.1 | 3.0 | 14.8 | 47. |
| 22.4 | 74.2 | 7410.2 | 400.0 | -26.1 | -23.3 | 255.4 | 6.4 | 6.2 | 1.6 | 321.1 | 321.2 | 0.0 | 2.9 | 15.3 | 48. |
| 23.1 | 78.2 | 7873.2 | 375.0 | -30.3 | -27.9 | 252.5 | 6.3 | 6.0 | 1.9 | 321.5 | 322.8 | 0.4 | 47.2 | 15.8 | 49. |
| 24.5 | 81.4 | 8300.2 | 350.0 | -34.4 | -24.2 | 255.5 | 6.1 | 5.9 | 1.5 | 322.4 | 323.2 | 0.2 | 36.2 | 16.3 | 50. |
| 25.1 | 85.7 | 8874.2 | 325.0 | -38.5 | -28.9 | 255.1 | 6.0 | 5.8 | 1.6 | 323.6 | 323.6 | 99.9 | 99.9 | 16.8 | 51. |
| 26.7 | 89.8 | 9410.6 | 300.0 | -42.8 | -29.9 | 262.1 | 6.6 | 6.6 | 1.2 | 325.0 | 325.0 | 99.9 | 99.9 | 17.4 | 52. |
| 30.5 | 94.3 | 10300.1 | 275.0 | -47.5 | -29.9 | 267.7 | 12.1 | 12.1 | 0.5 | 326.5 | 326.5 | 99.9 | 99.9 | 18.4 | 54. |
| 32.4 | 99.0 | 10624.0 | 250.0 | -51.9 | -29.9 | 269.5 | 13.5 | 13.5 | 0.1 | 329.1 | 329.1 | 99.9 | 99.9 | 19.6 | 56. |
| 34.1 | 103.8 | 11299.5 | 225.0 | -56.7 | -29.9 | 279.5 | 12.1 | 11.9 | -2.0 | 331.7 | 331.7 | 99.9 | 99.9 | 20.8 | 59. |
| 36.5 | 109.2 | 12036.8 | 200.0 | -61.9 | -29.9 | 273.0 | 12.4 | 12.4 | -0.7 | 334.7 | 334.7 | 99.9 | 99.9 | 21.9 | 61. |
| 38.7 | 115.2 | 12856.1 | 175.0 | -63.9 | -29.9 | 274.6 | 17.7 | 17.7 | -1.4 | 344.5 | 344.5 | 99.9 | 99.9 | 23.6 | 64. |
| 41.2 | 121.3 | 13811.0 | 150.0 | -62.1 | -29.9 | 277.8 | 19.0 | 18.8 | -2.6 | 348.2 | 348.2 | 99.9 | 99.9 | 26.2 | 67. |
| 44.5 | 128.3 | 14927.9 | 125.0 | -63.8 | -29.9 | 273.3 | 22.0 | 21.9 | -1.3 | 379.4 | 379.4 | 99.9 | 99.9 | 29.4 | 71. |
| 48.2 | 136.0 | 16295.2 | 100.0 | -62.7 | -29.9 | 282.2 | 17.9 | 17.5 | -3.6 | 406.5 | 406.5 | 99.9 | 99.9 | 34.6 | 74. |
| 53.3 | 145.0 | 18063.5 | 75.0 | -63.5 | -29.9 | 319.1 | 8.1 | 5.3 | -0.1 | 439.8 | 439.8 | 99.9 | 99.9 | 36.8 | 77. |
| 60.5 | 155.3 | 20582.1 | 50.0 | -58.3 | -29.9 | 334.0 | 4.7 | 2.1 | -0.2 | 506.3 | 506.3 | 99.9 | 99.9 | 37.9 | 81. |
| 71.5 | 166.0 | 25921.3 | 25.0 | -49.5 | -29.9 | 326.3 | 9.6 | 5.3 | -0.0 | 642.4 | 642.4 | 99.9 | 99.9 | 48.7 | 85. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 456
 TOPEKA, KANSAS

| TIME M | CMTCT | HEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POY T DEG K | E POT T DEG K | MAX RTO CM/KG | RH PCT | RANGE M | AZ DEG |
|-----------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|------------------|-----------|------------|-----------|
| | | | | | | | | | | | | | | | |
| 0.0 | 8.0 | 248.0 | 985.2 | 16.7 | 13.4 | 170.0 | 5.7 | -1.0 | 5.6 | 291.1 | 316.7 | 9.9 | 81.0 | 0.0 | 0.0 |
| 1.0 | 9.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 2.0 | 9.9 | 337.0 | 975.0 | 17.2 | 12.0 | 171.8 | 10.3 | -1.5 | 10.2 | 292.5 | 316.5 | 9.1 | 71.4 | 0.4 | 329.0 |
| 3.0 | 11.2 | 578.9 | 950.0 | 15.6 | 11.3 | 176.0 | 14.8 | -1.0 | 14.8 | 293.1 | 316.5 | 8.9 | 75.3 | 0.9 | 340.0 |
| 4.0 | 13.5 | 805.2 | 925.0 | 14.6 | 12.7 | 187.7 | 19.5 | 2.6 | 19.4 | 294.3 | 320.7 | 10.1 | 88.4 | 1.6 | 350.0 |
| 5.0 | 15.9 | 1037.7 | 900.0 | 13.8 | 13.9 | 193.8 | 20.2 | 4.8 | 19.7 | 297.8 | 327.6 | 11.2 | 89.0 | 2.4 | 358.0 |
| 6.0 | 18.3 | 1277.5 | 875.0 | 14.7 | 13.1 | 195.0 | 18.6 | 4.8 | 18.0 | 299.1 | 328.4 | 11.0 | 90.2 | 3.5 | 3.0 |
| 7.0 | 20.7 | 1523.0 | 850.0 | 13.3 | 11.9 | 194.6 | 18.3 | 4.6 | 17.7 | 300.1 | 327.9 | 10.4 | 91.0 | 4.5 | 6.0 |
| 8.0 | 23.1 | 1778.1 | 825.0 | 11.3 | 10.2 | 192.5 | 17.9 | 3.9 | 17.5 | 300.6 | 326.3 | 9.5 | 92.5 | 5.4 | 7.0 |
| 9.0 | 25.8 | 2031.3 | 800.0 | 13.1 | 9.0 | 198.2 | 17.0 | 5.3 | 16.1 | 302.0 | 326.7 | 9.1 | 92.7 | 6.3 | 8.0 |
| 10.0 | 28.3 | 2295.6 | 775.0 | 9.9 | 7.9 | 203.3 | 14.7 | 7.2 | 12.9 | 303.4 | 327.1 | 8.6 | 92.4 | 7.1 | 10.0 |
| 11.0 | 30.8 | 2557.0 | 750.0 | 7.3 | 5.9 | 217.2 | 14.6 | 8.8 | 11.6 | 304.5 | 326.2 | 7.8 | 91.1 | 7.9 | 12.0 |
| 12.0 | 33.3 | 2819.4 | 725.0 | 5.6 | 2.1 | 223.9 | 15.1 | 10.5 | 10.9 | 305.6 | 323.1 | 6.2 | 78.3 | 8.7 | 15.0 |
| 13.0 | 35.8 | 3081.8 | 700.0 | 4.1 | 1.8 | 225.6 | 15.3 | 11.0 | 10.7 | 307.1 | 324.9 | 6.3 | 84.7 | 9.5 | 18.0 |
| 14.0 | 38.3 | 3344.2 | 675.0 | 2.0 | 1.0 | 228.6 | 14.2 | 10.7 | 9.4 | 307.9 | 325.4 | 6.1 | 92.9 | 10.3 | 20.0 |
| 15.0 | 40.8 | 3606.6 | 650.0 | -0.3 | -3.4 | 225.0 | 13.8 | 9.8 | 9.8 | 308.6 | 322.2 | 4.7 | 80.5 | 11.1 | 22.0 |
| 16.0 | 43.3 | 3869.0 | 625.0 | -1.9 | -5.1 | 227.2 | 13.3 | 9.1 | 9.7 | 310.3 | 320.3 | 3.3 | 62.4 | 11.9 | 24.0 |
| 17.0 | 45.8 | 4131.4 | 600.0 | -3.6 | -6.8 | 225.4 | 12.7 | 8.9 | 9.0 | 311.9 | 318.3 | 2.0 | 42.1 | 12.7 | 25.0 |
| 18.0 | 48.3 | 4393.8 | 575.0 | -6.7 | -10.1 | 220.1 | 12.5 | 8.9 | 8.8 | 312.2 | 318.1 | 1.9 | 47.1 | 13.5 | 27.0 |
| 19.0 | 50.8 | 4656.2 | 550.0 | -9.2 | -13.2 | 220.1 | 13.6 | 10.4 | 8.7 | 313.2 | 322.7 | 3.1 | 89.9 | 14.4 | 28.0 |
| 20.0 | 53.3 | 4918.6 | 525.0 | -11.2 | -16.2 | 220.1 | 11.6 | 10.3 | 5.3 | 316.6 | 326.2 | 3.1 | 89.6 | 15.2 | 29.0 |
| 21.0 | 55.8 | 5181.0 | 500.0 | -14.0 | -19.1 | 259.2 | 8.8 | 8.6 | 1.8 | 313.6 | 311.6 | 0.0 | 1.0 | 15.9 | 31.0 |
| 22.0 | 58.3 | 5443.4 | 475.0 | -17.6 | -22.8 | 253.2 | 8.2 | 7.9 | 2.4 | 316.2 | 316.4 | 0.1 | 2.7 | 16.4 | 34.0 |
| 23.0 | 60.8 | 5705.8 | 450.0 | -20.2 | -25.8 | 247.8 | 7.9 | 7.3 | 3.0 | 317.8 | 317.9 | 0.0 | 1.0 | 16.9 | 35.0 |
| 24.0 | 63.3 | 5968.2 | 425.0 | -23.5 | -28.9 | 249.5 | 7.5 | 7.0 | 2.6 | 318.9 | 318.9 | 0.0 | 1.0 | 17.3 | 36.0 |
| 25.0 | 65.8 | 6230.6 | 400.0 | -26.2 | -31.3 | 249.0 | 7.1 | 6.6 | 2.5 | 320.9 | 321.1 | 0.0 | 3.8 | 17.8 | 37.0 |
| 26.0 | 68.3 | 6493.0 | 375.0 | -29.6 | -34.3 | 250.1 | 7.5 | 7.4 | 1.4 | 322.4 | 322.4 | 0.0 | 1.6 | 18.4 | 38.0 |
| 27.0 | 70.8 | 6755.4 | 350.0 | -32.8 | -37.3 | 250.6 | 10.5 | 10.4 | -0.8 | 324.5 | 324.6 | 0.0 | 1.4 | 19.1 | 40.0 |
| 28.0 | 73.3 | 7017.8 | 325.0 | -35.0 | -40.2 | 278.4 | 13.4 | 13.2 | -1.9 | 327.1 | 327.3 | 0.0 | 6.5 | 19.8 | 41.0 |
| 29.0 | 75.8 | 7280.2 | 300.0 | -38.3 | -43.3 | 277.2 | 16.3 | 16.2 | -2.0 | 328.6 | 999.9 | 99.9 | 999.9 | 20.9 | 48.0 |
| 30.0 | 78.3 | 7542.6 | 275.0 | -41.4 | -46.4 | 281.9 | 17.8 | 17.5 | -3.7 | 329.5 | 999.9 | 99.9 | 999.9 | 23.0 | 51.0 |
| 31.0 | 80.8 | 7805.0 | 250.0 | -44.8 | -49.9 | 280.7 | 19.8 | 19.4 | -3.7 | 329.9 | 999.9 | 99.9 | 999.9 | 23.2 | 55.0 |
| 32.0 | 83.3 | 8067.4 | 225.0 | -48.7 | -53.7 | 288.1 | 18.6 | 18.0 | -4.5 | 331.6 | 999.9 | 99.9 | 999.9 | 24.9 | 59.0 |
| 33.0 | 85.8 | 8329.8 | 200.0 | -51.0 | -56.0 | 297.1 | 16.3 | 15.4 | -5.3 | 336.1 | 999.9 | 99.9 | 999.9 | 26.7 | 63.0 |
| 34.0 | 88.3 | 8592.2 | 175.0 | -54.3 | -59.9 | 276.8 | 13.9 | 13.4 | -1.6 | 347.2 | 999.9 | 99.9 | 999.9 | 28.5 | 66.0 |
| 35.0 | 90.8 | 8854.6 | 150.0 | -57.0 | -62.8 | 277.4 | 14.1 | 13.9 | -1.8 | 366.8 | 999.9 | 99.9 | 999.9 | 31.3 | 69.0 |
| 36.0 | 93.3 | 9117.0 | 125.0 | -60.0 | -65.8 | 272.1 | 19.0 | 19.0 | -0.7 | 382.9 | 999.9 | 99.9 | 999.9 | 34.6 | 71.0 |
| 37.0 | 95.8 | 9379.4 | 100.0 | -63.8 | -68.8 | 97.9 | 14.2 | 11.6 | -0.2 | 404.6 | 999.9 | 99.9 | 999.9 | 39.4 | 76.0 |
| 38.0 | 98.3 | 9641.8 | 75.0 | -66.0 | -71.0 | 99.9 | 305.8 | 4.7 | -3.4 | 438.7 | 999.9 | 99.9 | 999.9 | 41.0 | 79.0 |
| 39.0 | 100.8 | 9904.2 | 50.0 | -68.6 | -73.6 | 99.9 | 322.5 | 2.8 | -3.6 | 503.0 | 999.9 | 99.9 | 999.9 | 41.3 | 82.0 |
| 40.0 | 103.3 | 10166.6 | 25.0 | -71.0 | -76.0 | 99.9 | 99.9 | 99.9 | 99.9 | 644.8 | 999.9 | 99.9 | 999.9 | 43.7 | 86.0 |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 455
TOPERA, KANSAS19 APRIL 1979
1705 GMT

| TIME MIN | CHTCT | WEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | W COMP M/SEC | POT T DEG K | E POT T DEG K | MX RTO CM/KG | RM PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|----------------|------------------|-----------------|-----------|-------------|-----------|
| 0.0 | 0.3 | 268.0 | 983.6 | 17.8 | 13.9 | 170.0 | 7.7 | -1.3 | 292.3 | 319.0 | 18.2 | 78.0 | 0.8 | 0. |
| 00.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.2 | 9.1 | 303.0 | 975.0 | 17.4 | 99.9 | 99.9 | 99.9 | 99.9 | 292.7 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 1.0 | 11.4 | 503.7 | 950.0 | 16.2 | 99.9 | 99.9 | 99.9 | 99.9 | 293.6 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 1.9 | 13.6 | 789.9 | 925.0 | 15.0 | 11.8 | 999.9 | 99.9 | 99.9 | 294.6 | 319.7 | 9.5 | 81.4 | 1.4 | 347. |
| 2.6 | 16.0 | 122.4 | 900.0 | 15.9 | 15.2 | 201.9 | 18.9 | 7.1 | 297.9 | 330.2 | 12.2 | 95.6 | 2.1 | 357. |
| 3.5 | 18.4 | 128.4 | 875.0 | 15.0 | 14.2 | 205.3 | 19.5 | 8.3 | 299.3 | 330.7 | 11.8 | 95.3 | 3.0 | 7. |
| 4.3 | 20.8 | 1570.2 | 850.0 | 13.8 | 13.1 | 204.8 | 18.6 | 7.8 | 300.7 | 330.9 | 11.2 | 95.1 | 4.0 | 11. |
| 5.3 | 23.2 | 1700.5 | 825.0 | 12.9 | 12.1 | 208.2 | 18.2 | 6.6 | 302.2 | 331.5 | 10.8 | 94.9 | 5.8 | 18. |
| 6.2 | 25.7 | 2019.4 | 800.0 | 11.6 | 10.8 | 211.3 | 16.8 | 5.5 | 303.5 | 331.5 | 9.4 | 94.5 | 6.9 | 19. |
| 7.2 | 28.3 | 2280.9 | 775.0 | 9.9 | 9.1 | 214.3 | 16.0 | 4.5 | 304.5 | 330.5 | 8.7 | 94.2 | 8.0 | 21. |
| 8.1 | 30.8 | 2557.7 | 750.0 | 8.8 | 7.4 | 217.4 | 17.4 | 10.6 | 306.1 | 330.2 | 7.8 | 91.9 | 9.8 | 23. |
| 9.3 | 31.3 | 2838.1 | 725.0 | 6.6 | 5.4 | 221.0 | 18.0 | 12.0 | 306.8 | 328.7 | 7.8 | 91.9 | 9.8 | 23. |
| 10.3 | 36.0 | 3125.7 | 700.0 | 4.4 | 3.4 | 223.6 | 17.3 | 12.0 | 307.4 | 327.3 | 7.0 | 93.3 | 10.0 | 25. |
| 11.4 | 38.7 | 3421.8 | 675.0 | 3.9 | -3.5 | 223.1 | 17.6 | 12.0 | 310.0 | 322.8 | 4.4 | 58.3 | 11.0 | 27. |
| 12.4 | 41.3 | 3727.6 | 650.0 | 1.6 | -5.9 | 225.8 | 16.5 | 11.9 | 310.8 | 322.1 | 3.8 | 57.2 | 12.1 | 29. |
| 13.5 | 44.1 | 4022.4 | 625.0 | -1.0 | -9.1 | 228.3 | 17.3 | 12.9 | 311.3 | 320.6 | 3.1 | 54.0 | 13.1 | 30. |
| 14.7 | 46.9 | 4366.5 | 600.0 | -4.0 | -11.9 | 225.7 | 16.9 | 13.5 | 311.5 | 319.3 | 2.8 | 54.2 | 14.3 | 32. |
| 15.4 | 49.8 | 4701.1 | 575.0 | -6.8 | -13.7 | 222.9 | 18.6 | 12.7 | 312.0 | 319.1 | 2.3 | 58.0 | 15.6 | 33. |
| 17.1 | 52.7 | 5068.4 | 550.0 | -9.9 | -14.8 | 221.7 | 18.4 | 12.2 | 313.3 | 319.1 | 2.2 | 67.1 | 17.0 | 33. |
| 19.5 | 55.8 | 5404.2 | 525.0 | -10.7 | -16.0 | 225.1 | 17.7 | 12.5 | 315.6 | 316.6 | 0.3 | 10.6 | 16.5 | 34. |
| 21.4 | 62.0 | 6166.2 | 500.0 | -13.3 | -18.3 | 234.1 | 16.3 | 9.5 | 316.8 | 316.9 | 0.0 | 1.0 | 19.9 | 35. |
| 22.7 | 65.3 | 6571.0 | 450.0 | -19.4 | -22.3 | 234.1 | 16.0 | 12.9 | 318.4 | 318.9 | 0.0 | 1.0 | 21.3 | 37. |
| 24.1 | 69.6 | 6982.9 | 425.0 | -22.9 | -24.5 | 237.9 | 14.3 | 12.1 | 319.7 | 319.8 | 0.0 | 1.0 | 23.7 | 39. |
| 25.5 | 72.0 | 7334.7 | 400.0 | -25.9 | -26.5 | 234.9 | 14.1 | 11.5 | 321.3 | 321.4 | 0.0 | 1.0 | 24.8 | 39. |
| 26.9 | 75.4 | 7698.4 | 375.0 | -27.7 | -29.4 | 241.3 | 14.4 | 12.6 | 322.3 | 322.7 | 0.1 | 1.0 | 26.0 | 40. |
| 28.7 | 79.3 | 8137.2 | 350.0 | -32.6 | -37.2 | 254.3 | 14.7 | 14.2 | 324.8 | 325.0 | 0.1 | 9.8 | 27.4 | 42. |
| 30.4 | 83.3 | 8693.4 | 325.0 | -36.5 | -44.5 | 260.5 | 13.6 | 13.5 | 326.4 | 327.2 | 0.2 | 42.9 | 29.9 | 44. |
| 32.5 | 87.3 | 9455.4 | 300.0 | -40.7 | -49.9 | 263.9 | 11.1 | 11.0 | 328.0 | 999.9 | 99.9 | 99.9 | 29.9 | 46. |
| 34.4 | 91.7 | 10740.8 | 275.0 | -46.2 | -54.9 | 250.9 | 10.5 | 9.4 | 329.7 | 999.9 | 99.9 | 99.9 | 30.8 | 47. |
| 36.2 | 96.2 | 10667.5 | 250.0 | -51.4 | -59.9 | 240.6 | 10.9 | 9.1 | 329.7 | 999.9 | 99.9 | 99.9 | 31.8 | 47. |
| 38.2 | 101.0 | 11343.0 | 225.0 | -56.5 | -64.9 | 249.0 | 15.9 | 14.8 | 332.0 | 999.9 | 99.9 | 99.9 | 33.3 | 48. |
| 40.5 | 106.2 | 12780.9 | 200.0 | -61.7 | -69.9 | 257.1 | 14.6 | 14.2 | 335.1 | 999.9 | 99.9 | 99.9 | 35.3 | 50. |
| 43.2 | 112.0 | 12904.0 | 175.0 | -62.6 | -69.9 | 264.3 | 14.8 | 14.7 | 338.6 | 999.9 | 99.9 | 99.9 | 37.4 | 51. |
| 46.5 | 118.0 | 13863.9 | 150.0 | -60.1 | -69.9 | 275.8 | 13.6 | 13.5 | 346.4 | 99.9 | 99.9 | 99.9 | 39.4 | 54. |
| 49.9 | 124.8 | 14791.4 | 125.0 | -63.9 | -69.9 | 278.9 | 18.2 | 17.9 | 379.4 | 99.9 | 99.9 | 99.9 | 42.2 | 57. |
| 54.4 | 132.7 | 16366.1 | 100.0 | -64.3 | -69.9 | 300.6 | 11.0 | 9.5 | 403.5 | 99.9 | 99.9 | 99.9 | 44.4 | 61. |
| 59.4 | 141.5 | 19137.0 | 75.0 | -62.5 | -69.9 | 310.7 | 5.7 | 8.3 | 441.5 | 99.9 | 99.9 | 99.9 | 45.6 | 63. |
| 66.4 | 151.7 | 20669.5 | 50.0 | -57.9 | -69.9 | 303.4 | 4.7 | 3.9 | 507.5 | 99.9 | 99.9 | 99.9 | 46.1 | 64. |
| 79.3 | 162.5 | 25140.7 | 25.0 | -47.8 | -69.9 | 22.2 | 5.2 | 3.6 | 647.3 | 999.9 | 99.9 | 99.9 | 47.1 | 70. |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 456
 TOPEKA, KANSAS

 19 APRIL 1979
 2005 GMT

| TIME MIN | CNCTY | HEIGHT GPM | PRES IN | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DEG K | E POT T DEG K | MX WTD GM/KG | 3M PCY | RANGE CM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|-----------------|-----------|-------------|-----------|
| | | | | | | | | | | | | | | | |
| 0.3 | 0.7 | 288.0 | 782.2 | 23.3 | 15.6 | 170.0 | 6.2 | -1.4 | 8.1 | 298.0 | 328.4 | 11.5 | 62.0 | 0.0 | 0. |
| 0.9 | 0.9 | 90.9 | 1003.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.9 | 0.3 | 332.6 | 975.0 | 24.4 | 16.4 | 180.9 | 9.6 | 0.1 | 9.6 | 299.7 | 332.3 | 12.2 | 61.2 | 0.3 | 350. |
| 0.9 | 11.4 | 559.3 | 950.0 | 21.3 | 14.5 | 181.1 | 9.7 | 0.2 | 9.7 | 298.8 | 326.2 | 11.0 | 65.3 | 0.5 | 353. |
| 1.5 | 13.6 | 749.8 | 925.0 | 19.9 | 14.0 | 181.0 | 11.2 | 0.2 | 11.2 | 298.7 | 327.9 | 10.9 | 72.9 | 0.9 | 357. |
| 2.2 | 15.8 | 1324.8 | 900.0 | 16.6 | 13.8 | 179.1 | 13.1 | -0.2 | 13.1 | 298.6 | 328.3 | 11.2 | 83.9 | 1.5 | 358. |
| 2.7 | 19.1 | 1246.5 | 875.0 | 14.7 | 13.4 | 186.7 | 13.4 | 1.1 | 14.1 | 299.9 | 328.8 | 11.2 | 92.2 | 1.8 | 358. |
| 3.5 | 23.4 | 1559.7 | 850.0 | 13.1 | 12.1 | 193.9 | 14.0 | 5.1 | 14.1 | 299.9 | 328.8 | 10.5 | 93.6 | 2.4 | 2. |
| 4.2 | 22.6 | 1761.5 | 825.0 | 11.0 | 12.1 | 213.2 | 18.8 | 10.3 | 15.7 | 302.4 | 331.7 | 10.8 | 93.6 | 3.1 | 8. |
| 5.1 | 24.3 | 2320.3 | 800.0 | 11.5 | 8.9 | 214.0 | 19.9 | 11.1 | 16.5 | 303.5 | 328.2 | 9.0 | 83.8 | 4.1 | 15. |
| 6.1 | 27.3 | 2755.9 | 775.0 | 10.6 | 7.2 | 212.3 | 19.1 | 10.2 | 16.1 | 305.2 | 328.2 | 8.3 | 79.7 | 5.3 | 18. |
| 7.3 | 29.7 | 2558.8 | 750.0 | 9.0 | 6.2 | 220.9 | 16.1 | 10.5 | 12.1 | 306.4 | 328.7 | 8.0 | 82.5 | 6.5 | 22. |
| 8.5 | 32.2 | 2439.9 | 725.0 | 9.3 | -1.0 | 230.6 | 15.4 | 11.9 | 9.8 | 308.5 | 327.8 | 4.9 | 52.0 | 7.5 | 26. |
| 9.5 | 34.6 | 3128.2 | 702.0 | 6.5 | -4.3 | 228.7 | 16.5 | 12.4 | 10.9 | 310.6 | 322.9 | 4.1 | 53.2 | 8.4 | 29. |
| 10.4 | 37.1 | 3626.7 | 675.0 | 4.4 | -7.5 | 229.1 | 15.7 | 13.1 | 10.3 | 311.2 | 321.3 | 3.4 | 53.2 | 9.4 | 31. |
| 11.1 | 39.7 | 4268.1 | 652.0 | -0.9 | -11.8 | 231.4 | 16.9 | 13.1 | 10.8 | 311.4 | 320.0 | 2.6 | 52.2 | 10.5 | 33. |
| 12.7 | 42.3 | 4372.7 | 603.0 | -3.5 | -12.9 | 232.0 | 19.2 | 15.1 | 11.8 | 312.4 | 320.0 | 2.5 | 52.2 | 12.9 | 36. |
| 13.7 | 44.9 | 4707.6 | 575.0 | -5.5 | -17.5 | 231.9 | 17.2 | 13.6 | 10.6 | 312.7 | 318.2 | 1.8 | 52.9 | 15.6 | 39. |
| 15.3 | 47.7 | 5053.2 | 559.0 | -9.6 | -22.9 | 242.2 | 14.7 | 13.0 | 8.9 | 314.7 | 317.2 | 0.0 | 15.0 | 17.9 | 42. |
| 16.9 | 50.4 | 5611.3 | 525.0 | -13.1 | -28.2 | 255.4 | 13.3 | 12.0 | 3.4 | 317.1 | 317.2 | 0.0 | 1.0 | 18.8 | 44. |
| 18.1 | 53.2 | 5754.0 | 502.0 | -15.3 | -29.7 | 253.8 | 12.5 | 11.4 | 3.5 | 319.0 | 319.1 | 0.0 | 1.0 | 19.8 | 45. |
| 19.5 | 56.1 | 6173.0 | 475.0 | -13.4 | -31.6 | 251.6 | 12.0 | 11.4 | 3.8 | 320.2 | 320.3 | 0.0 | 1.0 | 20.7 | 47. |
| 21.3 | 59.0 | 6579.3 | 450.0 | -27.0 | -37.9 | 244.5 | 10.0 | 9.1 | 4.3 | 320.8 | 320.9 | 0.0 | 1.0 | 21.7 | 47. |
| 22.5 | 62.1 | 7322.8 | 425.0 | -25.0 | -35.9 | 242.9 | 10.4 | 9.3 | 4.7 | 322.5 | 322.5 | 0.0 | 1.0 | 22.8 | 49. |
| 24.3 | 65.3 | 7866.2 | 402.0 | -24.7 | -33.3 | 256.0 | 11.9 | 11.5 | 2.9 | 323.6 | 323.7 | 0.0 | 1.0 | 24.0 | 50. |
| 25.9 | 68.5 | 7911.8 | 375.0 | -24.7 | -33.3 | 256.0 | 12.7 | 12.4 | 2.6 | 325.8 | 325.9 | 0.0 | 1.0 | 25.1 | 52. |
| 27.5 | 71.9 | 8032.7 | 350.0 | -24.7 | -33.3 | 256.0 | 9.9 | 9.9 | 0.2 | 327.6 | 327.6 | 0.0 | 1.0 | 26.1 | 53. |
| 29.3 | 75.3 | 8322.3 | 325.0 | -35.6 | -40.4 | 250.7 | 9.2 | 8.7 | 3.0 | 328.4 | 328.4 | 99.9 | 99.9 | 27.1 | 54. |
| 31.3 | 79.0 | 8422.3 | 300.0 | -40.4 | 99.9 | 250.9 | 6.3 | 6.0 | 2.1 | 330.7 | 330.7 | 99.9 | 99.9 | 27.8 | 54. |
| 33.4 | 82.7 | 8673.9 | 275.0 | -44.6 | 99.9 | 252.3 | 6.0 | 5.7 | 1.8 | 330.7 | 330.7 | 99.9 | 99.9 | 28.6 | 55. |
| 35.5 | 86.7 | 10561.8 | 250.0 | -50.5 | 99.9 | 252.3 | 6.0 | 6.3 | 1.2 | 333.3 | 333.3 | 99.9 | 99.9 | 29.5 | 56. |
| 37.7 | 92.4 | 13691.7 | 225.0 | -55.6 | 99.9 | 259.1 | 6.5 | 8.4 | 1.4 | 333.9 | 333.9 | 99.9 | 99.9 | 31.4 | 57. |
| 39.7 | 95.2 | 17110.2 | 202.0 | -67.4 | 99.9 | 260.4 | 8.5 | 12.6 | 2.0 | 333.9 | 333.9 | 99.9 | 99.9 | 33.8 | 59. |
| 41.4 | 103.7 | 17110.2 | 175.0 | -66.1 | 99.9 | 260.8 | 12.6 | 13.4 | 2.0 | 333.9 | 333.9 | 99.9 | 99.9 | 37.5 | 62. |
| 43.7 | 105.0 | 12327.0 | 150.0 | -51.9 | 99.9 | 261.5 | 13.6 | 10.3 | -0.1 | 385.3 | 385.3 | 99.9 | 99.9 | 40.3 | 65. |
| 49.1 | 110.6 | 13378.1 | 125.0 | -60.6 | 99.9 | 270.3 | 11.3 | 10.2 | -4.9 | 435.3 | 435.3 | 99.9 | 99.9 | 42.1 | 68. |
| 53.1 | 116.4 | 15018.2 | 100.0 | -63.4 | 99.9 | 295.4 | 11.3 | 5.6 | -5.8 | 442.0 | 442.0 | 99.9 | 99.9 | 43.1 | 72. |
| 59.1 | 121.4 | 14001.4 | 75.0 | -67.4 | 99.9 | 316.3 | 4.8 | 3.4 | -3.7 | 511.9 | 511.9 | 99.9 | 99.9 | 45.0 | 77. |
| 63.7 | 132.7 | 15172.1 | 50.0 | -55.8 | 99.9 | 316.3 | 4.8 | 8.0 | -2.6 | 647.5 | 647.5 | 99.9 | 99.9 | 45.0 | 77. |
| 71.4 | 142.0 | 23698.1 | 25.0 | -49.4 | 99.9 | 280.7 | 8.5 | 8.0 | | | | | | | |
| 80.2 | 150.0 | 25171.2 | 25.0 | | | | | | | | | | | | |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 1 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 99 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 456
TOPEKA, KANSAS

19 APRIL 1979
2305 GMT

| TIME MIR | CNTCT | HEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DEG K | E POT T DEG K | WX RTO GM/KG | RK PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|---------------|-----------------|-----------|----------------|-----------------|-----------------|----------------|------------------|-----------------|-----------|-------------|----------|
| 0.0 | 8.5 | 268.0 | 980.9 | 24.4 | 17.4 | 170.0 | 6.2 | -1.1 | 6.1 | 299.2 | 333.4 | 12.9 | 63.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999. |
| 0.1 | 9.0 | 321.0 | 975.0 | 24.6 | 16.3 | 170.1 | 7.3 | -1.3 | 7.2 | 299.9 | 332.2 | 12.1 | 60.2 | 0.2 | 2. |
| 1.0 | 11.3 | 548.5 | 950.0 | 22.5 | 16.6 | 173.6 | 10.4 | -1.2 | 10.4 | 300.0 | 329.8 | 11.1 | 61.0 | 0.5 | 357. |
| 1.6 | 13.7 | 780.4 | 925.0 | 20.5 | 13.9 | 178.4 | 11.7 | -0.3 | 11.7 | 300.3 | 329.5 | 10.9 | 63.7 | 1.0 | 354. |
| 2.3 | 16.1 | 1016.8 | 900.0 | 18.3 | 13.8 | 186.3 | 11.1 | 1.2 | 11.0 | 300.4 | 330.2 | 11.1 | 74.9 | 1.4 | 358. |
| 3.2 | 18.6 | 1258.2 | 875.0 | 16.3 | 13.9 | 188.9 | 10.8 | 1.7 | 10.6 | 300.7 | 331.6 | 11.5 | 85.8 | 2.0 | 1. |
| 4.0 | 21.0 | 1504.6 | 850.0 | 13.9 | 12.6 | 189.6 | 11.5 | 1.9 | 11.3 | 300.1 | 330.1 | 10.9 | 92.0 | 2.5 | 2. |
| 4.7 | 23.5 | 1756.8 | 825.0 | 12.5 | 11.2 | 193.3 | 12.6 | 2.9 | 12.3 | 30.8 | 329.5 | 10.2 | 91.9 | 3.1 | 4. |
| 5.4 | 26.0 | 2015.1 | 800.0 | 11.4 | 10.2 | 199.6 | 12.9 | 4.3 | 12.2 | 303.4 | 330.3 | 9.9 | 92.2 | 3.7 | 6. |
| 6.6 | 28.5 | 2280.7 | 775.0 | 9.9 | 8.8 | 209.0 | 14.8 | 7.2 | 13.0 | 305.5 | 329.9 | 9.2 | 92.5 | 4.5 | 10. |
| 7.8 | 31.2 | 2553.0 | 750.0 | 9.1 | 6.9 | 216.9 | 13.9 | 8.4 | 11.1 | 305.3 | 328.6 | 8.4 | 92.1 | 5.5 | 14. |
| 9.0 | 33.9 | 2832.7 | 725.0 | 6.0 | 4.0 | 222.0 | 12.7 | 8.5 | 9.4 | 306.0 | 325.9 | 7.1 | 88.9 | 6.4 | 18. |
| 10.2 | 36.6 | 3120.6 | 700.0 | 5.4 | 1.3 | 230.3 | 11.1 | 8.5 | 7.1 | 308.5 | 325.7 | 6.0 | 74.9 | 7.1 | 21. |
| 11.4 | 39.3 | 3417.3 | 675.0 | 3.3 | 0.6 | 236.3 | 12.3 | 10.2 | 6.8 | 309.3 | 326.5 | 6.0 | 83.0 | 7.8 | 24. |
| 12.5 | 42.1 | 3722.3 | 650.0 | 0.7 | -4.3 | 235.4 | 12.5 | 10.3 | 7.1 | 309.8 | 322.4 | 4.3 | 69.0 | 8.5 | 27. |
| 13.7 | 45.0 | 4036.1 | 625.0 | -1.9 | -12.8 | 233.3 | 12.5 | 10.0 | 7.5 | 310.3 | 317.3 | 2.3 | 43.0 | 9.3 | 30. |
| 14.9 | 47.9 | 4359.6 | 600.0 | -4.5 | -16.9 | 233.0 | 14.0 | 11.2 | 8.4 | 310.9 | 316.2 | 1.7 | 37.0 | 10.2 | 32. |
| 16.2 | 50.8 | 4693.3 | 575.0 | -7.4 | -22.3 | 235.4 | 16.5 | 13.6 | 9.4 | 311.4 | 314.9 | 1.1 | 29.0 | 11.3 | 34. |
| 17.4 | 53.9 | 5038.2 | 550.0 | -10.0 | -20.5 | 238.9 | 17.1 | 14.6 | 8.8 | 312.3 | 316.6 | 1.4 | 42.0 | 12.5 | 38. |
| 18.7 | 56.9 | 5395.8 | 525.0 | -11.1 | -27.0 | 244.8 | 14.5 | 13.1 | 6.2 | 315.1 | 315.2 | 0.0 | 1.0 | 13.6 | 38. |
| 20.0 | 60.0 | 5768.6 | 500.0 | -13.7 | -28.6 | 253.1 | 12.6 | 12.0 | 3.7 | 316.4 | 316.5 | 0.0 | 1.0 | 14.5 | 41. |
| 21.3 | 63.3 | 6156.7 | 475.0 | -15.9 | -30.0 | 260.4 | 12.3 | 12.1 | 2.1 | 318.3 | 318.4 | 0.0 | 1.0 | 15.3 | 43. |
| 22.9 | 66.7 | 6581.6 | 450.0 | -19.1 | -32.0 | 265.6 | 11.6 | 11.6 | 0.9 | 319.3 | 319.4 | 0.0 | 1.0 | 16.2 | 45. |
| 24.5 | 70.1 | 6984.4 | 425.0 | -21.8 | -33.8 | 264.5 | 12.9 | 12.9 | 1.2 | 321.0 | 321.1 | 0.0 | 1.0 | 17.0 | 48. |
| 26.2 | 73.7 | 7428.1 | 400.0 | -24.9 | -35.9 | 265.1 | 13.3 | 13.2 | 1.1 | 322.6 | 322.6 | 0.0 | 1.0 | 18.2 | 50. |
| 27.4 | 77.3 | 7898.4 | 375.0 | -27.8 | -37.7 | 259.7 | 10.4 | 10.3 | 1.9 | 325.8 | 324.8 | 0.0 | 1.0 | 19.2 | 52. |
| 29.4 | 81.2 | 8385.3 | 350.0 | -32.4 | -40.8 | 251.6 | 10.3 | 9.8 | 3.3 | 325.1 | 325.1 | 0.0 | 1.0 | 20.0 | 53. |
| 31.4 | 85.2 | 8904.1 | 325.0 | -36.2 | -43.3 | 244.7 | 14.2 | 12.8 | 6.0 | 326.7 | 326.8 | 0.0 | 1.0 | 21.4 | 54. |
| 33.4 | 89.3 | 9458.1 | 300.0 | -40.9 | -45.9 | 241.1 | 13.4 | 11.7 | 6.5 | 327.7 | 327.7 | 99.9 | 99.9 | 23.1 | 55. |
| 35.6 | 93.7 | 10039.6 | 275.0 | -45.8 | -49.9 | 241.7 | 12.6 | 11.1 | 6.0 | 329.0 | 329.0 | 99.9 | 99.9 | 24.9 | 55. |
| 37.0 | 98.2 | 10667.3 | 250.0 | -50.8 | -53.9 | 236.9 | 14.5 | 12.1 | 7.9 | 330.5 | 330.5 | 99.9 | 99.9 | 26.7 | 56. |
| 40.7 | 103.2 | 11345.0 | 225.0 | -56.3 | -59.9 | 248.5 | 16.2 | 15.0 | 5.9 | 332.2 | 332.2 | 99.9 | 99.9 | 29.2 | 56. |
| 43.5 | 108.4 | 12084.4 | 200.0 | -61.6 | -64.9 | 249.2 | 17.0 | 16.7 | 6.3 | 335.3 | 335.3 | 99.9 | 99.9 | 32.0 | 57. |
| 46.9 | 114.3 | 12904.8 | 175.0 | -65.4 | -69.9 | 260.2 | 18.4 | 18.1 | 3.1 | 342.0 | 342.0 | 99.9 | 99.9 | 35.4 | 59. |
| 50.3 | 120.5 | 13954.1 | 150.0 | -68.6 | -73.9 | 265.5 | 16.7 | 16.7 | 1.3 | 365.1 | 365.1 | 99.9 | 99.9 | 38.8 | 61. |
| 54.3 | 127.5 | 14988.3 | 125.0 | -60.5 | -69.9 | 293.6 | 15.5 | 14.2 | -6.2 | 385.5 | 385.5 | 99.9 | 99.9 | 42.2 | 64. |
| 59.1 | 135.3 | 16372.2 | 100.0 | -64.1 | -69.9 | 308.4 | 10.6 | 8.3 | -6.6 | 403.8 | 403.8 | 99.9 | 99.9 | 43.7 | 64. |
| 65.3 | 144.7 | 18113.5 | 75.0 | -64.2 | -69.9 | 319.9 | 8.2 | 5.3 | -6.3 | 438.3 | 438.3 | 99.9 | 99.9 | 45.3 | 72. |
| 73.6 | 155.0 | 20652.8 | 50.0 | -57.7 | -69.9 | 330.2 | 6.2 | 3.1 | -5.4 | 507.6 | 507.6 | 99.9 | 99.9 | 46.1 | 76. |
| 86.6 | 165.7 | 25126.4 | 25.0 | -49.3 | -69.9 | 282.7 | 8.3 | 8.1 | -1.8 | 643.2 | 643.2 | 99.9 | 99.9 | 48.0 | 80. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 456
TOPEKA, KANSAS20 APRIL 1979
205 GMT

| TIME | CNTCT | HEIGHT | PRES | TEMP | DEW PT | DIR | SPEED | U COMP | V COMP | POT Y | E POT Y | MX RTD | RM | RANGE | AZ |
|------|-------|---------|--------|-------|--------|-------|-------|--------|--------|-------|---------|--------|-------|-------|-------|
| MIN | | CPM | MB | CG C | CG C | CG | M/SEC | W/SEC | M/SEC | CG K | CG K | GM/KG | PCT | KM | DEG |
| 0.0 | 8.6 | 268.0 | 980.7 | 21.7 | 17.3 | 150.0 | 5.1 | -2.6 | 4.4 | 296.5 | 330.0 | 12.8 | 76.0 | 0.0 | 0. |
| 00.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.2 | 9.1 | 318.9 | 975.0 | 23.1 | 16.8 | 159.5 | 15.4 | -2.8 | 15.1 | 298.4 | 331.3 | 12.4 | 67.5 | 0.2 | 344. |
| 0.9 | 11.5 | 545.9 | 950.0 | 22.4 | 16.1 | 172.6 | 14.6 | -1.9 | 14.7 | 300.0 | 332.6 | 12.2 | 67.4 | 0.6 | 348. |
| 1.9 | 14.9 | 777.7 | 925.0 | 20.7 | 15.3 | 178.8 | 15.9 | -0.3 | 15.9 | 300.5 | 332.4 | 11.9 | 71.3 | 1.4 | 352. |
| 2.5 | 16.4 | 1014.3 | 900.0 | 19.4 | 14.9 | 183.5 | 16.0 | 1.0 | 15.9 | 300.5 | 332.3 | 11.9 | 79.3 | 2.1 | 355. |
| 3.4 | 18.7 | 1255.8 | 875.0 | 16.6 | 14.8 | 182.3 | 14.6 | 3.1 | 14.3 | 301.0 | 333.7 | 12.2 | 89.1 | 2.8 | 358. |
| 4.3 | 21.2 | 1502.7 | 825.0 | 14.5 | 13.4 | 200.3 | 14.6 | 5.6 | 15.1 | 301.3 | 332.2 | 11.5 | 93.0 | 3.6 | 3. |
| 5.1 | 23.8 | 1755.4 | 825.0 | 13.4 | 12.2 | 205.4 | 15.4 | 6.6 | 13.9 | 302.8 | 332.4 | 10.9 | 92.0 | 4.4 | 6. |
| 6.1 | 26.4 | 2015.0 | 800.0 | 12.7 | 9.5 | 203.5 | 14.7 | 5.9 | 13.5 | 304.7 | 330.6 | 9.4 | 80.5 | 5.2 | 9. |
| 6.9 | 29.8 | 2291.4 | 775.0 | 10.9 | 8.6 | 199.1 | 14.8 | 4.8 | 13.9 | 305.5 | 330.8 | 9.1 | 85.6 | 5.9 | 11. |
| 7.7 | 31.6 | 2554.8 | 750.0 | 9.3 | 7.0 | 193.7 | 12.1 | 3.9 | 11.5 | 306.1 | 329.7 | 8.5 | 88.9 | 6.4 | 12. |
| 8.5 | 34.1 | 2835.1 | 725.0 | 7.3 | -3.3 | 197.0 | 10.1 | 3.0 | 9.6 | 307.5 | 326.4 | 6.7 | 75.1 | 7.1 | 12. |
| 9.5 | 37.1 | 3123.8 | 700.0 | 6.4 | -14.2 | 205.3 | 9.7 | 4.2 | 8.8 | 310.5 | 316.4 | 1.9 | 24.4 | 8.2 | 13. |
| 10.6 | 39.9 | 3421.1 | 675.0 | 4.3 | -15.1 | 214.7 | 10.0 | 5.7 | 8.3 | 311.0 | 316.7 | 1.8 | 27.3 | 8.9 | 14. |
| 11.7 | 42.7 | 3726.9 | 650.0 | 1.8 | -16.6 | 219.3 | 10.9 | 6.9 | 8.4 | 311.9 | 317.3 | 1.7 | 29.2 | 9.6 | 16. |
| 13.0 | 45.6 | 4041.5 | 625.0 | -0.9 | -16.7 | 224.4 | 11.7 | 8.7 | 7.8 | 311.9 | 317.3 | 1.7 | 35.6 | 10.5 | 19. |
| 14.4 | 49.4 | 4365.6 | 600.0 | -3.7 | -13.5 | 229.1 | 12.6 | 9.6 | 7.9 | 311.9 | 319.1 | 2.4 | 59.7 | 11.3 | 21. |
| 15.7 | 51.4 | 4694.9 | 575.0 | -7.0 | -54.9 | 226.5 | 10.3 | 7.5 | 7.1 | 314.7 | 314.9 | 0.0 | 1.0 | 12.1 | 23. |
| 17.0 | 54.5 | 5016.0 | 550.0 | -7.9 | -56.1 | 220.9 | 10.4 | 6.8 | 7.9 | 316.7 | 316.9 | 0.0 | 1.0 | 12.8 | 24. |
| 19.2 | 57.4 | 5406.4 | 525.0 | -12.7 | -58.0 | 225.0 | 10.1 | 7.2 | 7.2 | 317.6 | 317.7 | 0.0 | 1.0 | 13.5 | 25. |
| 19.6 | 60.4 | 5790.8 | 500.0 | -15.9 | -60.0 | 227.1 | 10.1 | 7.4 | 6.9 | 318.3 | 318.4 | 0.0 | 1.0 | 14.1 | 26. |
| 20.5 | 64.0 | 6169.6 | 475.0 | -19.9 | -61.9 | 229.9 | 9.5 | 7.3 | 6.1 | 319.5 | 319.6 | 0.0 | 1.0 | 14.8 | 27. |
| 21.9 | 67.4 | 6574.6 | 450.0 | -22.3 | -64.1 | 234.5 | 10.2 | 8.3 | 5.9 | 320.4 | 320.5 | 0.0 | 1.0 | 15.6 | 29. |
| 23.2 | 70.9 | 6977.3 | 425.0 | -25.0 | -65.9 | 243.9 | 9.6 | 8.6 | 4.2 | 322.5 | 322.5 | 0.0 | 1.0 | 16.4 | 30. |
| 24.7 | 74.4 | 7392.4 | 400.0 | -28.5 | -68.2 | 253.0 | 9.5 | 9.1 | 2.6 | 323.8 | 323.9 | 0.0 | 1.0 | 17.0 | 32. |
| 26.3 | 78.0 | 7935.0 | 375.0 | -31.9 | -70.4 | 259.6 | 11.2 | 10.5 | 3.9 | 325.8 | 325.8 | 0.0 | 1.0 | 17.9 | 35. |
| 28.3 | 82.0 | 8397.0 | 350.0 | -35.6 | -72.9 | 265.6 | 15.2 | 13.8 | 6.3 | 327.6 | 327.6 | 0.0 | 1.0 | 19.2 | 37. |
| 30.1 | 86.0 | 8916.8 | 325.0 | -39.3 | -79.9 | 282.2 | 16.6 | 15.8 | 5.1 | 329.2 | 329.2 | 99.9 | 999.9 | 20.8 | 39. |
| 32.0 | 90.3 | 9449.3 | 300.0 | -44.8 | 99.9 | 255.9 | 17.7 | 17.2 | 4.3 | 330.4 | 330.4 | 99.9 | 999.9 | 22.5 | 42. |
| 34.0 | 94.4 | 10057.8 | 275.0 | -50.4 | 99.9 | 254.2 | 17.9 | 17.2 | 4.9 | 331.2 | 331.2 | 99.9 | 999.9 | 24.7 | 46. |
| 36.4 | 99.0 | 10586.5 | 250.0 | -56.3 | 99.9 | 252.1 | 20.6 | 19.6 | 6.3 | 332.2 | 332.2 | 99.9 | 999.9 | 27.1 | 48. |
| 38.8 | 104.0 | 11365.1 | 225.0 | -61.7 | 99.9 | 261.5 | 22.5 | 22.4 | 2.6 | 335.1 | 335.1 | 99.9 | 999.9 | 30.0 | 51. |
| 41.3 | 109.4 | 12104.3 | 200.0 | -67.8 | 99.9 | 273.8 | 18.5 | 18.5 | -1.2 | 338.0 | 338.0 | 99.9 | 999.9 | 32.4 | 55. |
| 43.5 | 115.0 | 12919.4 | 175.0 | -68.8 | 99.9 | 283.6 | 15.5 | 15.4 | 1.7 | 365.3 | 365.3 | 99.9 | 999.9 | 35.3 | 57. |
| 47.2 | 121.5 | 13957.0 | 150.0 | -60.8 | 99.9 | 283.5 | 11.9 | 11.6 | -2.8 | 361.6 | 361.6 | 99.9 | 999.9 | 37.8 | 60. |
| 51.2 | 128.7 | 14984.0 | 125.0 | -62.7 | 99.9 | 283.5 | 99.9 | 99.9 | 99.9 | 404.1 | 404.1 | 99.9 | 999.9 | 399.9 | 999.9 |
| 55.9 | 136.7 | 16348.5 | 100.0 | -64.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 59.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 456
TOPEKA, KANSAS20 APRIL 1979
505 GMT

| TIME MIN | CNCT | WEIGHT GPM | PRES MB | TEMP OC C | DEW PT OC C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RIO CM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.2 | 8.5 | 268.0 | 981.5 | 21.7 | 17.3 | 180.0 | 5.1 | 0.0 | 5.1 | 296.4 | 329.9 | 12.8 | 76.0 | 0.0 | 0. |
| 99.2 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.3 | 9.0 | 325.8 | 975.0 | 21.8 | 16.2 | 193.1 | 11.2 | 2.5 | 13.9 | 297.1 | 328.7 | 12.0 | 70.3 | 0.2 | 11. |
| 1.2 | 11.6 | 551.6 | 950.0 | 21.0 | 15.9 | 194.8 | 13.2 | 3.4 | 12.8 | 298.5 | 330.5 | 12.1 | 72.7 | 0.6 | 13. |
| 1.9 | 13.9 | 782.3 | 925.0 | 19.1 | 15.6 | 195.5 | 16.1 | 4.3 | 15.5 | 298.8 | 331.1 | 12.2 | 80.4 | 1.4 | 15. |
| 2.5 | 16.3 | 1317.9 | 900.0 | 17.5 | 15.1 | 192.6 | 18.0 | 3.9 | 17.6 | 299.5 | 331.7 | 12.1 | 85.9 | 2.1 | 14. |
| 3.4 | 18.8 | 1258.6 | 875.0 | 15.4 | 14.2 | 188.0 | 17.8 | 2.5 | 17.6 | 299.8 | 331.3 | 11.8 | 92.7 | 3.1 | 14. |
| 4.3 | 21.3 | 1524.5 | 850.0 | 13.7 | 12.5 | 185.4 | 18.5 | 2.1 | 18.4 | 300.5 | 329.6 | 10.8 | 92.7 | 4.0 | 12. |
| 5.3 | 23.9 | 1756.2 | 825.0 | 12.0 | 10.9 | 185.2 | 17.2 | 1.6 | 17.2 | 301.3 | 328.4 | 10.0 | 92.5 | 5.0 | 11. |
| 6.2 | 26.4 | 2014.1 | 800.0 | 10.5 | 9.3 | 190.0 | 16.0 | 2.8 | 15.7 | 302.4 | 327.7 | 9.3 | 92.4 | 6.0 | 10. |
| 7.3 | 29.0 | 2278.5 | 775.0 | 9.1 | 7.5 | 201.9 | 13.6 | 5.1 | 12.6 | 303.6 | 326.9 | 8.4 | 89.5 | 6.9 | 11. |
| 8.4 | 31.7 | 2550.5 | 750.0 | 7.7 | 6.3 | 212.1 | 11.9 | 6.3 | 10.0 | 304.9 | 327.4 | 8.1 | 91.1 | 7.7 | 12. |
| 9.5 | 34.3 | 2829.6 | 725.0 | 5.6 | 4.2 | 213.3 | 12.4 | 6.8 | 10.4 | 305.7 | 325.8 | 7.2 | 90.6 | 8.5 | 15. |
| 10.5 | 37.1 | 3116.6 | 700.0 | 4.3 | 3.1 | 209.4 | 11.7 | 5.7 | 10.2 | 307.2 | 326.7 | 6.9 | 91.9 | 9.2 | 16. |
| 11.3 | 39.9 | 3410.8 | 675.0 | 0.9 | -10.2 | 205.3 | 13.4 | 5.7 | 12.1 | 306.7 | 310.9 | 1.4 | 22.6 | 10.0 | 17. |
| 12.3 | 42.7 | 3715.0 | 650.0 | 1.1 | -31.4 | 201.7 | 13.7 | 5.0 | 12.7 | 310.2 | 311.7 | 0.4 | 6.7 | 11.0 | 17. |
| 13.2 | 45.5 | 4028.7 | 625.0 | -1.5 | -24.7 | 204.3 | 12.8 | 5.3 | 11.7 | 310.8 | 313.5 | 0.8 | 15.1 | 12.0 | 18. |
| 15.3 | 48.5 | 4352.0 | 600.0 | -4.4 | -14.0 | 212.8 | 11.8 | 6.4 | 10.0 | 311.0 | 317.7 | 2.2 | 45.9 | 12.8 | 18. |
| 16.3 | 51.5 | 4685.8 | 575.0 | -7.2 | -12.7 | 218.9 | 11.5 | 7.2 | 8.9 | 311.5 | 319.2 | 2.5 | 65.0 | 13.5 | 19. |
| 17.4 | 54.5 | 5030.4 | 550.0 | -10.6 | -12.9 | 221.4 | 12.7 | 8.4 | 9.5 | 311.5 | 319.4 | 2.6 | 83.0 | 14.2 | 20. |
| 19.5 | 57.6 | 5386.9 | 525.0 | -13.5 | -42.0 | 241.3 | 12.0 | 10.5 | 5.8 | 312.2 | 315.1 | 0.9 | 33.4 | 15.1 | 22. |
| 19.9 | 60.9 | 5758.8 | 500.0 | -13.5 | -59.5 | 246.4 | 12.7 | 11.7 | 5.1 | 316.6 | 316.7 | 0.0 | 1.0 | 15.7 | 25. |
| 21.5 | 64.1 | 6148.6 | 475.0 | -15.1 | -60.2 | 241.4 | 13.6 | 11.9 | 6.5 | 318.0 | 318.1 | 0.0 | 1.0 | 16.4 | 27. |
| 22.3 | 67.5 | 6531.4 | 450.0 | -19.2 | -62.1 | 236.5 | 13.0 | 10.8 | 7.2 | 319.1 | 319.2 | 0.0 | 1.0 | 17.7 | 29. |
| 24.5 | 71.0 | 6973.9 | 425.0 | -22.0 | -63.9 | 231.3 | 12.4 | 9.7 | 7.8 | 320.8 | 320.9 | 0.0 | 1.0 | 18.8 | 31. |
| 26.2 | 74.6 | 7417.2 | 400.0 | -25.2 | -66.0 | 227.2 | 12.0 | 8.8 | 8.2 | 322.2 | 322.3 | 0.0 | 1.0 | 19.9 | 32. |
| 27.7 | 78.3 | 7882.2 | 375.0 | -29.0 | -68.0 | 230.9 | 12.1 | 9.4 | 7.6 | 323.3 | 323.3 | 0.0 | 1.7 | 21.0 | 33. |
| 29.1 | 82.2 | 8371.3 | 350.0 | -33.4 | -42.9 | 239.0 | 12.4 | 10.6 | 6.4 | 323.8 | 324.7 | 0.2 | 37.5 | 22.1 | 34. |
| 31.2 | 86.2 | 8997.5 | 325.0 | -37.2 | -45.0 | 243.4 | 15.4 | 13.7 | 6.9 | 325.5 | 326.3 | 0.2 | 45.2 | 23.3 | 36. |
| 33.1 | 90.3 | 9436.1 | 300.0 | -41.3 | 99.9 | 243.8 | 17.4 | 15.6 | 7.7 | 327.2 | 329.9 | 99.9 | 999.9 | 25.2 | 38. |
| 33.4 | 94.8 | 10022.0 | 275.0 | -45.7 | 99.9 | 246.2 | 17.4 | 15.9 | 7.0 | 329.1 | 329.9 | 99.9 | 999.9 | 27.3 | 40. |
| 37.7 | 99.5 | 10649.8 | 250.0 | -50.7 | 99.9 | 246.4 | 16.7 | 15.3 | 6.7 | 330.7 | 329.9 | 99.9 | 999.9 | 29.5 | 42. |
| 40.3 | 104.4 | 11328.3 | 225.0 | -55.9 | 99.9 | 249.0 | 14.9 | 13.9 | 5.4 | 332.8 | 329.9 | 99.9 | 999.9 | 31.6 | 44. |
| 43.2 | 109.8 | 12068.1 | 200.0 | -62.5 | 99.9 | 253.2 | 11.7 | 11.2 | 3.4 | 333.8 | 329.9 | 99.9 | 999.9 | 33.5 | 46. |
| 46.1 | 115.8 | 12976.7 | 175.0 | -68.8 | 99.9 | 237.3 | 13.4 | 11.3 | 7.2 | 337.8 | 329.9 | 99.9 | 999.9 | 35.2 | 47. |
| 48.5 | 122.0 | 13923.4 | 150.0 | -68.8 | 99.9 | 265.8 | 17.3 | 17.2 | 1.3 | 368.9 | 329.9 | 99.9 | 999.9 | 38.9 | 48. |
| 50.2 | 129.0 | 14960.0 | 125.0 | -60.9 | 99.9 | 301.2 | 9.4 | 8.1 | -4.9 | 384.8 | 329.9 | 99.9 | 999.9 | 40.6 | 52. |
| 50.1 | 137.0 | 16329.9 | 100.0 | -65.4 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 401.4 | 329.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY T/P MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 456
TOPEKA, KANSAS20 APRIL 1979
805 GMT

131 96. 0

| TIME MIN | CNTCT | WEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | II COMP M/SEC | V COMP M/SEC | POT Y DG K | E POT Y DG K | WX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|------------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 7.4 | 268.0 | 981.0 | 19.4 | 17.7 | 200.0 | 5.1 | 1.7 | 4.8 | 294.2 | 328.2 | 13.2 | 90.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.1 | 8.0 | 321.1 | 975.0 | 20.4 | 17.6 | 193.3 | 15.4 | 3.6 | 15.0 | 295.6 | 329.9 | 13.1 | 84.2 | 0.3 | 13. |
| 1.0 | 10.3 | 546.0 | 950.0 | 19.6 | 16.8 | 196.5 | 18.2 | 5.2 | 17.5 | 297.1 | 330.7 | 12.8 | 83.9 | 0.8 | 14. |
| 1.9 | 12.7 | 776.0 | 925.0 | 19.5 | 15.5 | 199.5 | 22.6 | 7.6 | 21.3 | 298.2 | 330.3 | 12.1 | 81.9 | 1.8 | 17. |
| 2.8 | 15.2 | 1011.0 | 900.0 | 16.9 | 14.6 | 196.4 | 18.3 | 5.2 | 17.5 | 299.0 | 330.1 | 11.7 | 86.2 | 3.0 | 18. |
| 3.5 | 17.4 | 1251.5 | 875.0 | 15.4 | 13.3 | 191.9 | 17.5 | 3.6 | 17.2 | 299.8 | 329.5 | 11.1 | 87.3 | 3.8 | 17. |
| 4.4 | 20.1 | 1497.6 | 850.0 | 14.6 | 11.2 | 190.0 | 18.3 | 3.2 | 18.0 | 301.4 | 328.4 | 9.9 | 80.3 | 4.8 | 16. |
| 5.3 | 22.6 | 1750.1 | 825.0 | 13.4 | 9.1 | 194.2 | 19.7 | 4.8 | 19.1 | 302.6 | 327.2 | 8.9 | 75.4 | 5.7 | 15. |
| 6.1 | 25.1 | 2019.4 | 800.0 | 12.9 | 6.8 | 207.2 | 18.4 | 8.4 | 16.4 | 304.9 | 326.5 | 7.8 | 66.5 | 6.7 | 15. |
| 7.2 | 27.7 | 2275.7 | 775.0 | 10.9 | 5.0 | 210.8 | 18.0 | 9.2 | 15.5 | 305.5 | 325.5 | 7.1 | 67.1 | 7.8 | 19. |
| 8.1 | 32.3 | 2548.7 | 750.0 | 8.8 | 5.3 | 206.1 | 16.5 | 7.3 | 14.8 | 306.1 | 327.2 | 7.5 | 79.2 | 8.8 | 19. |
| 9.1 | 33.0 | 2928.5 | 725.0 | 6.1 | 4.7 | 213.2 | 13.4 | 7.3 | 11.2 | 306.1 | 326.9 | 7.4 | 90.7 | 9.6 | 20. |
| 10.1 | 35.7 | 3116.3 | 700.0 | 4.8 | 2.3 | 216.5 | 16.0 | 9.5 | 12.8 | 307.8 | 326.3 | 6.5 | 83.8 | 10.4 | 21. |
| 11.3 | 39.4 | 3412.5 | 675.0 | 2.9 | -1.4 | 216.2 | 15.5 | 9.2 | 12.5 | 308.9 | 323.9 | 5.2 | 73.5 | 11.5 | 21. |
| 12.4 | 41.2 | 3717.0 | 650.0 | 0.5 | -4.4 | 210.6 | 15.5 | 7.9 | 13.4 | 309.5 | 322.1 | 4.3 | 69.6 | 12.5 | 23. |
| 13.5 | 44.1 | 4030.7 | 625.0 | -2.1 | -6.9 | 209.4 | 14.7 | 7.2 | 12.8 | 310.1 | 321.0 | 3.7 | 69.6 | 13.5 | 24. |
| 14.7 | 47.0 | 4353.9 | 600.0 | -9.8 | -8.6 | 212.1 | 14.9 | 7.9 | 12.6 | 310.5 | 320.5 | 3.3 | 74.6 | 14.6 | 24. |
| 16.2 | 50.0 | 4597.4 | 575.0 | -7.5 | -10.9 | 212.9 | 12.5 | 6.8 | 10.5 | 311.2 | 320.0 | 2.9 | 76.6 | 15.6 | 25. |
| 17.3 | 53.0 | 5322.1 | 550.0 | -10.4 | -13.9 | 216.4 | 11.9 | 7.1 | 9.6 | 311.7 | 319.0 | 2.4 | 75.7 | 16.6 | 25. |
| 18.6 | 56.1 | 5389.0 | 525.0 | -12.5 | -26.7 | 221.4 | 10.4 | 6.9 | 7.8 | 313.4 | 316.4 | 0.9 | 33.4 | 17.4 | 26. |
| 19.4 | 59.3 | 5761.2 | 500.0 | -14.0 | -22.4 | 229.1 | 11.7 | 8.8 | 7.6 | 315.9 | 320.0 | 1.3 | 49.1 | 18.2 | 27. |
| 21.4 | 62.6 | 6149.2 | 475.0 | -16.2 | -25.4 | 230.7 | 13.1 | 10.1 | 8.3 | 318.0 | 321.4 | 1.0 | 44.9 | 19.2 | 28. |
| 22.0 | 65.9 | 6554.6 | 450.0 | -18.4 | -60.5 | 219.0 | 14.7 | 9.3 | 11.4 | 320.1 | 320.2 | 0.0 | 1.3 | 20.4 | 29. |
| 24.4 | 69.4 | 6978.9 | 425.0 | -21.4 | -63.5 | 213.1 | 15.2 | 8.3 | 12.7 | 321.6 | 321.7 | 0.0 | 1.0 | 21.8 | 30. |
| 26.1 | 73.0 | 7422.6 | 400.0 | -24.9 | -38.3 | 204.0 | 14.0 | 5.7 | 12.8 | 322.6 | 323.8 | 0.3 | 27.2 | 23.2 | 30. |
| 27.1 | 76.7 | 7998.2 | 375.0 | -28.9 | -38.2 | 198.9 | 12.1 | 3.9 | 11.4 | 323.4 | 324.7 | 0.4 | 39.4 | 24.5 | 29. |
| 29.5 | 80.4 | 8378.3 | 350.0 | -32.7 | -35.7 | 212.4 | 14.4 | 7.7 | 12.2 | 324.6 | 326.4 | 0.5 | 74.4 | 25.8 | 29. |
| 31.4 | 84.5 | 8966.0 | 325.0 | -36.6 | -42.7 | 225.0 | 16.4 | 11.6 | 11.6 | 326.2 | 327.2 | 0.3 | 52.9 | 27.6 | 30. |
| 33.5 | 88.7 | 9444.6 | 300.0 | -41.4 | 99.9 | 230.2 | 16.8 | 12.9 | 10.7 | 327.0 | 999.9 | 99.9 | 999.9 | 29.7 | 31. |
| 36.2 | 93.2 | 10029.8 | 275.0 | -45.7 | 99.9 | 225.5 | 18.9 | 12.6 | 14.0 | 329.0 | 999.9 | 99.9 | 999.9 | 32.0 | 32. |
| 39.4 | 97.9 | 10857.2 | 250.0 | -51.0 | 99.9 | 223.3 | 19.5 | 13.4 | 14.2 | 330.2 | 999.9 | 99.9 | 999.9 | 35.0 | 33. |
| 41.1 | 102.9 | 11335.7 | 225.0 | -55.9 | 99.9 | 228.0 | 19.7 | 14.7 | 13.2 | 332.9 | 999.9 | 99.9 | 999.9 | 38.2 | 34. |
| 43.9 | 108.2 | 12075.6 | 200.0 | -61.7 | 99.9 | 236.4 | 19.4 | 16.2 | 10.7 | 335.1 | 999.9 | 99.9 | 999.9 | 40.9 | 35. |
| 46.6 | 114.0 | 12893.3 | 175.0 | -65.9 | 99.9 | 233.8 | 20.4 | 16.5 | 12.1 | 341.3 | 999.9 | 99.9 | 999.9 | 44.0 | 37. |
| 50.2 | 120.5 | 13840.2 | 150.0 | -60.0 | 99.9 | 271.8 | 17.0 | 17.0 | -0.5 | 366.7 | 999.9 | 99.9 | 999.9 | 47.8 | 39. |
| 54.3 | 127.7 | 14969.5 | 125.0 | -63.6 | 99.9 | 272.7 | 8.7 | 8.7 | -0.4 | 379.9 | 999.9 | 99.9 | 999.9 | 49.0 | 42. |
| 58.2 | 135.7 | 16318.1 | 100.0 | -63.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 405.4 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 456
TCPEKA, KANSAS

20 APRIL 1979
1105 GMT

162 19. 0

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEV PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | WX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.3 | 8.4 | 268.0 | 980.7 | 18.3 | 16.6 | 190.0 | 2.6 | 0.5 | 2.6 | 231.1 | 324.8 | 12.3 | 93.0 | 0.0 | 0. |
| 0.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 97.9 | 97.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.2 | 8.9 | 310.2 | 975.0 | 18.9 | 16.6 | 186.8 | 8.0 | 1.0 | 8.0 | 294.1 | 326.1 | 12.3 | 86.6 | 0.1 | 19. |
| 0.9 | 11.2 | 541.9 | 950.0 | 19.0 | 16.4 | 202.1 | 8.4 | 3.2 | 7.8 | 295.5 | 328.1 | 12.5 | 93.3 | 0.2 | 14. |
| 1.6 | 13.6 | 770.2 | 925.0 | 16.2 | 14.0 | 224.4 | 10.3 | 7.2 | 7.3 | 295.9 | 326.5 | 11.6 | 91.8 | 0.6 | 31. |
| 2.1 | 16.0 | 1003.4 | 900.0 | 15.1 | 13.8 | 226.8 | 13.2 | 9.6 | 9.0 | 297.1 | 326.5 | 11.1 | 92.1 | 1.1 | 37. |
| 3.3 | 19.5 | 1242.6 | 875.0 | 14.2 | 13.0 | 230.8 | 15.7 | 12.2 | 10.0 | 298.6 | 327.5 | 10.8 | 92.1 | 1.8 | 41. |
| 3.9 | 20.7 | 1437.5 | 850.0 | 12.8 | 11.6 | 233.0 | 19.5 | 15.6 | 11.8 | 299.6 | 326.9 | 10.2 | 92.0 | 2.5 | 45. |
| 4.5 | 23.4 | 1738.5 | 825.0 | 11.6 | 8.9 | 229.4 | 20.5 | 15.6 | 13.3 | 300.9 | 324.8 | 8.8 | 83.8 | 3.6 | 47. |
| 5.4 | 26.0 | 1986.5 | 800.0 | 11.6 | 3.2 | 227.8 | 16.2 | 12.0 | 10.9 | 303.6 | 320.6 | 6.1 | 56.3 | 4.6 | 47. |
| 6.4 | 29.5 | 2261.8 | 775.0 | 10.2 | -2.0 | 226.0 | 16.2 | 11.6 | 11.3 | 304.8 | 317.1 | 4.3 | 42.5 | 5.4 | 47. |
| 7.3 | 31.1 | 2533.6 | 750.0 | 9.2 | -2.2 | 224.0 | 14.5 | 10.1 | 10.4 | 305.5 | 318.1 | 4.4 | 47.7 | 6.3 | 47. |
| 8.3 | 33.8 | 2812.6 | 725.0 | 5.9 | -2.3 | 223.6 | 12.7 | 8.7 | 9.2 | 306.0 | 318.9 | 4.5 | 55.2 | 7.0 | 47. |
| 9.1 | 36.4 | 3088.6 | 700.0 | 3.2 | -2.6 | 221.9 | 14.4 | 9.6 | 10.7 | 306.1 | 319.2 | 4.5 | 65.7 | 7.6 | 46. |
| 9.7 | 39.2 | 3392.8 | 675.0 | 0.9 | -2.2 | 216.3 | 14.8 | 8.7 | 11.9 | 306.6 | 320.8 | 4.8 | 80.1 | 8.3 | 46. |
| 10.5 | 42.1 | 3675.0 | 650.0 | -1.4 | -3.2 | 200.2 | 14.3 | 4.9 | 13.4 | 307.4 | 320.8 | 4.6 | 87.3 | 8.9 | 43. |
| 11.5 | 44.9 | 4007.0 | 625.0 | -2.9 | -4.4 | 185.4 | 16.4 | 1.5 | 16.3 | 309.2 | 322.1 | 4.4 | 88.8 | 9.7 | 42. |
| 12.7 | 47.9 | 4329.6 | 600.0 | -5.7 | -8.3 | 179.1 | 19.5 | -0.3 | 19.5 | 309.5 | 319.7 | 3.4 | 81.9 | 10.7 | 37. |
| 14.1 | 50.9 | 4651.8 | 575.0 | -9.0 | -10.7 | 179.6 | 19.0 | -0.1 | 19.0 | 310.7 | 319.6 | 3.0 | 81.2 | 12.1 | 32. |
| 15.7 | 53.9 | 5008.9 | 550.0 | -9.2 | -10.8 | 187.6 | 16.4 | 2.2 | 16.2 | 313.1 | 322.4 | 3.1 | 83.5 | 13.5 | 28. |
| 17.1 | 56.9 | 5365.2 | 525.0 | -11.5 | -16.3 | 199.9 | 16.9 | 5.7 | 15.9 | 314.6 | 321.0 | 2.0 | 67.8 | 14.8 | 27. |
| 18.7 | 60.0 | 5737.7 | 500.0 | -13.8 | -21.3 | 209.3 | 16.2 | 7.9 | 14.1 | 316.2 | 323.7 | 1.4 | 53.1 | 15.9 | 27. |
| 19.4 | 63.3 | 6125.7 | 475.0 | -16.6 | -25.3 | 215.0 | 15.3 | 8.8 | 12.6 | 317.4 | 323.8 | 1.0 | 47.0 | 17.0 | 27. |
| 20.4 | 66.6 | 6530.2 | 450.0 | -17.2 | -30.3 | 213.9 | 15.2 | 8.5 | 12.6 | 319.1 | 321.4 | 0.7 | 36.5 | 18.2 | 28. |
| 22.1 | 70.0 | 6952.9 | 425.0 | -22.1 | -33.5 | 210.5 | 15.7 | 8.0 | 13.5 | 320.6 | 322.4 | 0.5 | 30.6 | 19.4 | 28. |
| 23.4 | 73.6 | 7398.9 | 400.0 | -24.6 | -35.7 | 215.5 | 19.2 | 11.1 | 15.6 | 323.0 | 323.0 | 0.0 | 1.0 | 20.7 | 28. |
| 25.3 | 77.3 | 7963.2 | 375.0 | -28.4 | -56.0 | 220.2 | 21.7 | 14.0 | 16.6 | 324.9 | 323.3 | 0.0 | 5.2 | 22.8 | 29. |
| 26.5 | 81.0 | 8353.5 | 350.0 | -32.5 | -51.5 | 226.9 | 19.9 | 14.5 | 13.6 | 324.9 | 323.3 | 0.1 | 13.0 | 24.7 | 30. |
| 28.4 | 85.1 | 8971.1 | 325.0 | -37.1 | -62.8 | 239.3 | 18.1 | 15.6 | 9.3 | 325.5 | 325.6 | 0.0 | 4.9 | 26.6 | 32. |
| 30.3 | 89.2 | 9419.0 | 300.0 | -41.7 | 99.9 | 242.4 | 17.9 | 15.8 | 8.3 | 326.6 | 999.9 | 99.9 | 993.9 | 28.1 | 34. |
| 31.7 | 93.6 | 10001.5 | 275.0 | -47.4 | 99.9 | 239.7 | 18.2 | 15.7 | 9.1 | 326.6 | 999.9 | 99.9 | 999.9 | 29.9 | 36. |
| 34.7 | 98.2 | 10623.8 | 250.0 | -52.9 | 99.9 | 239.6 | 19.9 | 17.2 | 10.1 | 327.5 | 999.9 | 99.9 | 999.9 | 32.1 | 37. |
| 36.4 | 103.2 | 11294.6 | 225.0 | -58.3 | 99.9 | 240.9 | 22.6 | 19.7 | 11.0 | 329.1 | 999.9 | 99.9 | 999.9 | 34.9 | 39. |
| 38.3 | 108.5 | 12228.8 | 200.0 | -62.1 | 99.9 | 239.9 | 20.9 | 18.0 | 10.3 | 334.4 | 999.9 | 99.9 | 999.9 | 37.9 | 41. |
| 41.3 | 114.3 | 12950.8 | 175.0 | -64.2 | 99.9 | 247.0 | 18.8 | 17.3 | 7.3 | 344.0 | 999.9 | 99.9 | 999.9 | 40.6 | 43. |
| 44.3 | 120.7 | 13802.0 | 150.0 | -59.1 | 99.9 | 254.9 | 12.2 | 11.8 | 3.2 | 370.0 | 999.9 | 99.9 | 999.9 | 43.4 | 44. |
| 47.2 | 127.8 | 14936.0 | 125.0 | -63.3 | 99.9 | 246.9 | 9.4 | 8.6 | 3.7 | 380.4 | 999.9 | 99.9 | 999.9 | 44.8 | 45. |
| 52.3 | 136.0 | 16307.4 | 100.0 | -62.8 | 99.9 | 283.0 | 6.0 | 5.9 | -1.4 | 406.5 | 999.9 | 99.9 | 999.9 | 46.8 | 47. |
| 57.9 | 145.3 | 18070.2 | 75.0 | -63.7 | 99.9 | 294.7 | 4.8 | 4.4 | -2.0 | 439.4 | 999.9 | 99.9 | 999.9 | 47.2 | 48. |
| 65.3 | 156.0 | 20565.3 | 50.0 | -60.0 | 99.9 | 341.1 | 5.7 | 1.8 | -5.4 | 502.1 | 99.9 | 99.9 | 999.9 | 48.4 | 51. |
| 77.0 | 166.7 | 25033.8 | 25.0 | -50.8 | 99.9 | 283.2 | 3.9 | 3.8 | -0.9 | 639.0 | 99.9 | 99.9 | 999.9 | 45.9 | 53. |

0 BY SPEED MEANS ELEVATION ANG-E BETWEEN 6 AND 10 DEG
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 449
DENVER, COLORADO
10 APRIL 1979
1105 GMT

103 11. 0

| TIME MIN | CNCT | WEIGHT GPH | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DEG K | E POT T DEG K | MR ATG CM/KG | RH PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|-----------------|-----------|-------------|-----------|
| 0.0 | 22.5 | 1611.0 | 830.6 | 8.3 | -3.2 | 280.0 | 1.0 | 1.0 | -0.2 | 296.8 | 307.0 | 3.6 | 44.8 | 0.0 | 0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 875.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 850.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.2 | 23.0 | 1667.1 | 825.0 | 10.6 | -6.4 | 300.5 | 2.1 | 1.8 | -1.1 | 299.8 | 309.9 | 3.6 | 44.8 | 0.1 | 156 |
| 0.9 | 25.4 | 1925.4 | 800.0 | 12.7 | -8.2 | 256.4 | 3.2 | 3.1 | 0.8 | 304.7 | 313.4 | 3.0 | 25.8 | 0.1 | 146 |
| 1.5 | 27.7 | 2191.3 | 775.0 | 12.0 | -10.2 | 206.0 | 8.7 | 3.8 | 7.8 | 308.7 | 314.7 | 2.7 | 23.6 | 0.2 | 80 |
| 2.1 | 30.2 | 2464.7 | 750.0 | 10.3 | -11.9 | 214.5 | 13.5 | 7.6 | 11.1 | 307.8 | 314.9 | 2.3 | 22.5 | 0.2 | 36 |
| 3.2 | 32.6 | 2745.6 | 725.0 | 7.9 | -13.5 | 220.8 | 11.7 | 7.6 | 8.8 | 308.2 | 314.6 | 2.1 | 22.9 | 1.5 | 39 |
| 4.3 | 35.1 | 3233.3 | 700.0 | 4.6 | -14.6 | 226.6 | 10.0 | 7.5 | 6.6 | 307.9 | 313.8 | 1.9 | 25.1 | 2.1 | 40 |
| 5.4 | 37.7 | 3328.8 | 675.0 | 2.5 | -15.9 | 234.8 | 9.5 | 7.8 | 5.5 | 308.5 | 314.1 | 1.8 | 26.9 | 2.8 | 43 |
| 6.6 | 40.3 | 3632.3 | 650.0 | -0.4 | -17.1 | 236.5 | 10.1 | 8.4 | 5.6 | 308.5 | 313.9 | 1.7 | 29.8 | 3.5 | 46 |
| 7.7 | 42.9 | 3944.3 | 625.0 | -3.1 | -18.7 | 241.7 | 11.7 | 10.3 | 5.5 | 308.9 | 313.6 | 1.6 | 33.0 | 4.1 | 48 |
| 8.3 | 45.7 | 4265.5 | 600.0 | -6.2 | -20.4 | 236.7 | 13.9 | 12.3 | 6.6 | 308.9 | 313.5 | 1.4 | 35.2 | 4.8 | 50 |
| 9.6 | 48.3 | 4598.6 | 575.0 | -9.2 | -23.6 | 236.7 | 15.2 | 12.7 | 6.3 | 309.2 | 313.3 | 1.3 | 39.4 | 5.6 | 51 |
| 11.3 | 51.2 | 4938.7 | 550.0 | -11.9 | -25.6 | 232.9 | 21.1 | 16.8 | 12.7 | 310.0 | 313.3 | 1.0 | 37.2 | 7.1 | 52 |
| 12.6 | 54.0 | 5294.5 | 525.0 | -12.0 | -31.4 | 226.0 | 25.3 | 18.2 | 17.6 | 314.0 | 315.4 | 0.4 | 14.3 | 9.5 | 52 |
| 14.4 | 57.0 | 5667.0 | 500.0 | -13.7 | -31.4 | 210.4 | 26.0 | 14.8 | 21.4 | 316.3 | 318.2 | 0.5 | 20.7 | 12.1 | 49 |
| 15.9 | 60.0 | 6054.4 | 475.0 | -17.2 | -31.8 | 210.4 | 28.9 | 14.7 | 24.9 | 316.7 | 318.6 | 0.6 | 26.6 | 14.5 | 46 |
| 17.2 | 63.1 | 6457.7 | 450.0 | -20.4 | -33.5 | 206.0 | 27.9 | 12.2 | 25.1 | 317.6 | 319.3 | 0.5 | 29.7 | 16.8 | 44 |
| 18.5 | 66.3 | 6978.4 | 425.0 | -23.4 | -36.9 | 201.3 | 26.3 | 9.5 | 24.5 | 319.0 | 320.3 | 0.4 | 27.6 | 18.7 | 42 |
| 19.3 | 69.6 | 7318.6 | 400.0 | -26.9 | -40.0 | 199.5 | 24.0 | 8.0 | 22.6 | 320.0 | 321.0 | 0.3 | 27.7 | 20.6 | 39 |
| 21.5 | 73.0 | 7790.6 | 375.0 | -30.4 | -43.6 | 205.7 | 24.7 | 10.7 | 22.3 | 321.4 | 322.2 | 0.2 | 26.0 | 22.8 | 38 |
| 23.3 | 76.4 | 8267.4 | 350.0 | -34.5 | -46.8 | 207.7 | 24.4 | 11.3 | 21.6 | 322.2 | 322.8 | 0.2 | 27.3 | 25.0 | 37 |
| 24.7 | 80.3 | 8780.2 | 325.0 | -39.5 | -49.9 | 210.1 | 25.0 | 12.6 | 21.7 | 322.3 | 322.9 | 0.2 | 27.6 | 27.6 | 36 |
| 26.9 | 84.1 | 9321.8 | 300.0 | -44.6 | -49.9 | 208.4 | 24.8 | 11.8 | 21.8 | 322.5 | 322.5 | 0.2 | 27.6 | 30.6 | 35 |
| 29.5 | 88.0 | 9899.1 | 275.0 | -49.9 | -49.9 | 207.6 | 26.8 | 12.4 | 23.8 | 324.4 | 324.4 | 0.2 | 27.6 | 33.6 | 35 |
| 30.5 | 92.3 | 10518.1 | 250.0 | -53.8 | -49.9 | 213.8 | 27.6 | 15.4 | 23.0 | 326.1 | 326.1 | 0.2 | 27.6 | 36.6 | 34 |
| 33.8 | 96.8 | 11188.5 | 225.0 | -58.2 | -49.9 | 221.8 | 29.6 | 19.7 | 22.1 | 329.4 | 329.4 | 0.2 | 27.6 | 42.1 | 35 |
| 36.2 | 101.6 | 11924.6 | 200.0 | -61.4 | -49.9 | 225.0 | 32.5 | 23.0 | 23.0 | 335.5 | 335.5 | 0.2 | 27.6 | 46.4 | 36 |
| 39.5 | 106.4 | 12761.1 | 175.0 | -65.4 | -49.9 | 231.4 | 26.6 | 21.4 | 15.9 | 361.5 | 361.5 | 0.2 | 27.6 | 52.2 | 37 |
| 42.6 | 112.5 | 13750.6 | 150.0 | -59.3 | -49.9 | 233.4 | 21.3 | 16.6 | 13.3 | 374.6 | 374.6 | 0.2 | 27.6 | 56.5 | 36 |
| 46.3 | 118.9 | 14909.5 | 125.0 | -62.1 | -49.9 | 243.0 | 14.0 | 12.5 | 6.3 | 389.4 | 389.4 | 0.2 | 27.6 | 60.6 | 39 |
| 51.5 | 126.0 | 16298.0 | 100.0 | -61.0 | -49.9 | 245.9 | 15.5 | 14.1 | -1.0 | 407.7 | 407.7 | 0.2 | 27.6 | 63.5 | 41 |
| 57.5 | 134.0 | 18063.6 | 75.0 | -58.2 | -49.9 | 277.4 | 7.5 | 7.4 | -4.3 | 445.0 | 445.0 | 0.2 | 27.6 | 67.1 | 42 |
| 66.2 | 144.0 | 20593.4 | 50.0 | -52.8 | -49.9 | 317.2 | 5.9 | 4.0 | -3.0 | 506.4 | 506.4 | 0.2 | 27.6 | 67.7 | 44 |
| 79.9 | 156.5 | 25032.3 | 25.0 | | -49.9 | 287.6 | 9.9 | 9.4 | | 633.0 | 633.0 | 0.2 | 27.6 | 68.8 | 44 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 469
DENVER, COLORADO19 APRIL 1979
1405 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 24.7 | 1611.0 | 832.2 | 12.2 | -3.2 | 350.0 | 3.1 | 0.5 | -3.1 | 300.8 | 311.2 | 3.6 | 36.0 | 0.0 | 0. |
| 99.7 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 875.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 850.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.3 | 25.4 | 1683.9 | 825.0 | 12.0 | -4.5 | 325.4 | 3.0 | 1.7 | -2.5 | 301.3 | 311.0 | 3.3 | 31.2 | 0.1 | 168. |
| 1.1 | 28.1 | 1940.7 | 800.0 | 10.8 | -7.8 | 302.2 | 2.0 | 1.7 | -1.0 | 302.7 | 310.5 | 2.6 | 26.1 | 0.2 | 153. |
| 1.7 | 30.8 | 2204.8 | 775.0 | 9.6 | -9.4 | 169.9 | 2.6 | -0.5 | 2.6 | 304.1 | 311.3 | 2.4 | 25.1 | 0.2 | 152. |
| 2.9 | 31.6 | 2475.8 | 750.0 | 7.6 | -10.5 | 185.2 | 5.9 | 0.5 | 5.9 | 304.8 | 311.7 | 2.3 | 26.4 | 0.1 | 37. |
| 3.7 | 36.4 | 2754.0 | 725.0 | 5.8 | -12.4 | 195.5 | 6.4 | 2.1 | 6.0 | 305.9 | 312.0 | 2.0 | 25.5 | 0.1 | 18. |
| 4.5 | 39.3 | 3039.7 | 700.0 | 3.2 | -14.1 | 211.8 | 6.5 | 3.4 | 5.6 | 306.0 | 311.6 | 1.8 | 25.8 | 0.7 | 21. |
| 5.1 | 42.1 | 3333.0 | 675.0 | 0.6 | -15.9 | 218.0 | 7.2 | 4.4 | 5.7 | 306.3 | 311.3 | 1.6 | 27.6 | 1.1 | 27. |
| 6.4 | 45.1 | 3634.4 | 650.0 | -2.1 | -17.3 | 213.4 | 7.8 | 4.3 | 6.5 | 306.6 | 311.2 | 1.5 | 30.0 | 1.6 | 29. |
| 7.6 | 48.1 | 3944.2 | 625.0 | -5.2 | -19.0 | 223.1 | 7.3 | 5.0 | 5.3 | 306.5 | 310.8 | 1.4 | 32.8 | 2.0 | 31. |
| 8.5 | 51.1 | 4263.1 | 600.0 | -9.0 | -19.6 | 232.0 | 7.0 | 5.5 | 4.3 | 306.8 | 311.0 | 1.3 | 38.9 | 2.5 | 34. |
| 9.5 | 54.3 | 4591.9 | 575.0 | -11.1 | -21.9 | 236.9 | 9.1 | 7.7 | 5.0 | 307.0 | 310.6 | 1.1 | 40.3 | 3.0 | 38. |
| 11.0 | 57.4 | 4932.3 | 550.0 | -12.7 | -28.8 | 232.6 | 16.0 | 12.7 | 9.7 | 309.0 | 311.1 | 0.6 | 26.6 | 3.8 | 42. |
| 12.7 | 60.7 | 5286.6 | 525.0 | -13.0 | -35.6 | 222.2 | 22.1 | 14.9 | 16.4 | 312.8 | 313.9 | 0.3 | 13.0 | 5.3 | 43. |
| 13.9 | 64.0 | 5657.5 | 500.0 | -14.6 | -37.2 | 215.9 | 25.4 | 14.9 | 20.6 | 315.2 | 316.3 | 0.3 | 12.5 | 7.5 | 42. |
| 15.3 | 67.4 | 6044.0 | 475.0 | -17.4 | -38.6 | 213.5 | 29.3 | 16.2 | 26.4 | 316.5 | 317.4 | 0.3 | 13.8 | 10.1 | 40. |
| 16.4 | 70.9 | 6447.3 | 450.0 | -20.0 | -37.4 | 209.6 | 28.9 | 14.3 | 25.2 | 318.2 | 319.4 | 0.3 | 19.3 | 12.7 | 38. |
| 18.4 | 74.4 | 6868.4 | 425.0 | -23.5 | -38.4 | 208.1 | 30.6 | 14.4 | 27.0 | 318.9 | 320.0 | 0.3 | 23.8 | 15.4 | 36. |
| 20.7 | 78.1 | 7308.2 | 400.0 | -27.3 | -40.9 | 203.3 | 31.2 | 14.8 | 27.5 | 319.5 | 320.5 | 0.3 | 25.8 | 18.4 | 35. |
| 22.1 | 82.0 | 7769.2 | 375.0 | -31.1 | -43.5 | 204.5 | 31.3 | 13.0 | 28.5 | 320.5 | 321.2 | 0.2 | 27.8 | 22.3 | 34. |
| 24.1 | 85.9 | 8254.8 | 350.0 | -34.9 | -47.0 | 199.8 | 29.8 | 10.1 | 28.0 | 321.7 | 322.3 | 0.2 | 27.6 | 25.0 | 32. |
| 26.5 | 90.0 | 8746.7 | 325.0 | -39.6 | -50.8 | 199.4 | 30.5 | 10.2 | 28.8 | 322.1 | 322.5 | 0.1 | 28.8 | 29.2 | 31. |
| 27.7 | 94.2 | 9309.8 | 300.0 | -43.7 | -59.9 | 198.6 | 30.2 | 9.6 | 28.6 | 323.8 | 323.8 | 99.9 | 99.9 | 32.2 | 29. |
| 29.5 | 94.6 | 9899.0 | 275.0 | -49.3 | -69.9 | 203.9 | 33.9 | 13.7 | 31.0 | 325.2 | 325.2 | 99.9 | 99.9 | 35.7 | 29. |
| 31.9 | 103.4 | 10509.7 | 250.0 | -53.0 | -69.9 | 213.1 | 33.6 | 18.4 | 28.2 | 327.3 | 327.3 | 99.9 | 99.9 | 40.1 | 28. |
| 34.4 | 108.4 | 11183.5 | 225.0 | -56.5 | -69.9 | 216.5 | 35.6 | 21.2 | 28.6 | 331.9 | 331.9 | 99.9 | 99.9 | 45.4 | 30. |
| 37.0 | 113.6 | 11924.4 | 200.0 | -60.4 | -69.9 | 219.3 | 31.9 | 20.2 | 24.7 | 337.1 | 337.1 | 99.9 | 99.9 | 51.2 | 30. |
| 39.9 | 119.3 | 12768.7 | 175.0 | -52.2 | -69.9 | 228.8 | 24.4 | 18.4 | 16.1 | 363.7 | 363.7 | 99.9 | 99.9 | 55.6 | 32. |
| 43.4 | 125.5 | 13767.4 | 150.0 | -54.1 | -69.9 | 217.6 | 22.3 | 13.6 | 17.6 | 377.0 | 377.0 | 99.9 | 99.9 | 60.6 | 32. |
| 47.5 | 132.3 | 14928.5 | 125.0 | -57.5 | -69.9 | 232.6 | 18.5 | 14.7 | 11.3 | 391.0 | 391.0 | 99.9 | 99.9 | 64.8 | 34. |
| 51.7 | 140.0 | 16335.8 | 100.0 | -60.9 | -69.9 | 233.0 | 8.4 | 5.7 | 6.1 | 410.1 | 410.1 | 99.9 | 99.9 | 67.9 | 34. |
| 58.3 | 148.7 | 18125.3 | 75.0 | -57.6 | -69.9 | 134.2 | 6.4 | -4.6 | 4.4 | 452.1 | 452.1 | 99.9 | 99.9 | 70.2 | 35. |
| 66.1 | 153.5 | 20654.3 | 50.0 | -57.5 | -69.9 | 314.4 | 5.4 | 3.8 | -3.8 | 508.1 | 508.1 | 99.9 | 99.9 | 70.0 | 36. |
| 78.3 | 169.0 | 25086.6 | 25.0 | -51.6 | -69.9 | 99.9 | 99.9 | 99.9 | 99.9 | 636.2 | 636.2 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 469
 DENVER, COLORADO

 19 APRIL 1979
 1705 GMT

| TIME MIN | CNCT | HEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | J COMP M/SEC | V COMP M/SEC | POT T DEG K | E POT T DEG K | HX RTO GM/KG | RM PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|-----------------|-----------|-------------|-----------|
| 0.0 | 21.9 | 1611.0 | 832.8 | 18.3 | -7.9 | 130.0 | 2.6 | -2.0 | 1.7 | 307.1 | 314.7 | 2.5 | 16.0 | 0.8 | 0. |
| 99.0 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 875.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 850.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.5 | 22.7 | 1691.1 | 825.0 | 16.0* | -6.0 | 68.1 | 2.0 | -1.9 | -0.8 | 305.5 | 314.3 | 3.0 | 21.4 | 0.1 | 268. |
| 1.5 | 25.2 | 1951.0 | 800.0 | 13.3 | -7.4 | 63.4 | 1.3 | -1.2 | -0.6 | 305.4 | 313.5 | 2.7 | 22.9 | 0.2 | 262. |
| 2.2 | 27.6 | 2216.0 | 775.0 | 11.1 | -8.3 | 999.9 | 99.9 | 99.9 | 99.9 | 305.8 | 313.6 | 2.6 | 26.7 | 5.2 | 254. |
| 2.4 | 30.2 | 2499.0 | 750.0 | 8.6 | -9.6 | 999.9 | 99.9 | 99.9 | 99.9 | 305.9 | 313.2 | 2.5 | 26.3 | 99.9 | 99.9 |
| 3.4 | 32.8 | 2767.6 | 725.0 | 5.7 | -10.4 | 999.9 | 99.9 | 99.9 | 99.9 | 305.7 | 312.9 | 2.4 | 30.2 | 99.9 | 99.9 |
| 4.2 | 35.4 | 3053.2 | 700.0 | 2.8 | -11.1 | 999.9 | 99.9 | 99.9 | 99.9 | 305.6 | 312.6 | 2.3 | 35.1 | 99.9 | 99.9 |
| 5.0 | 39.0 | 3346.1 | 675.0 | 0.1 | -14.9 | 999.9 | 99.9 | 99.9 | 99.9 | 305.8 | 311.2 | 1.8 | 31.3 | 99.9 | 99.9 |
| 5.9 | 43.7 | 3656.4 | 650.0 | -2.8 | -18.5 | 219.3 | 6.9 | 4.4 | 5.3 | 305.8 | 310.6 | 1.6 | 33.9 | 0.6 | 30. |
| 6.9 | 43.4 | 3956.4 | 625.0 | -5.6 | -18.0 | 217.3 | 7.6 | 4.6 | 6.1 | 306.1 | 310.6 | 1.5 | 36.8 | 1.1 | 34. |
| 8.0 | 46.2 | 4274.6 | 600.0 | -7.8 | -19.8 | 218.3 | 8.5 | 5.3 | 6.7 | 306.0 | 310.1 | 1.3 | 40.4 | 1.6 | 35. |
| 9.1 | 49.1 | 4602.6 | 575.0 | -11.5 | -21.8 | 222.6 | 10.9 | 7.4 | 8.1 | 306.5 | 310.2 | 1.2 | 42.0 | 2.3 | 36. |
| 10.5 | 52.0 | 4942.1 | 550.0 | -13.4 | -23.7 | 225.3 | 16.6 | 11.8 | 11.7 | 308.2 | 310.9 | 0.9 | 36.5 | 3.3 | 39. |
| 13.4 | 55.0 | 5297.7 | 525.0 | -11.8 | -36.3 | 219.7 | 23.7 | 15.1 | 18.2 | 314.2 | 315.3 | 0.3 | 11.0 | 7.0 | 40. |
| 14.7 | 53.1 | 5559.4 | 500.0 | -14.6 | -38.3 | 220.7 | 25.5 | 16.6 | 19.3 | 315.2 | 316.2 | 0.3 | 11.3 | 9.0 | 40. |
| 15.4 | 61.3 | 6055.4 | 475.0 | -17.9 | -40.6 | 218.0 | 26.5 | 15.3 | 20.9 | 315.8 | 316.6 | 0.2 | 11.6 | 10.6 | 40. |
| 16.9 | 64.9 | 6437.4 | 450.0 | -20.8 | -40.7 | 212.8 | 26.2 | 14.2 | 22.0 | 317.1 | 318.0 | 0.2 | 14.7 | 12.4 | 40. |
| 19.3 | 67.9 | 6777.1 | 425.0 | -24.1 | -41.1 | 210.6 | 28.3 | 14.4 | 24.4 | 318.1 | 318.9 | 0.2 | 19.0 | 14.7 | 38. |
| 19.9 | 71.3 | 7316.4 | 400.0 | -27.5 | -42.9 | 212.0 | 32.0 | 17.0 | 27.1 | 319.2 | 320.0 | 0.2 | 21.4 | 17.5 | 37. |
| 21.5 | 74.9 | 7777.6 | 375.0 | -31.2 | -45.6 | 208.0 | 34.1 | 16.0 | 30.1 | 320.4 | 321.0 | 0.2 | 22.5 | 20.7 | 36. |
| 23.3 | 78.5 | 8262.3 | 350.0 | -35.6 | -48.3 | 205.4 | 34.3 | 14.7 | 31.0 | 320.8 | 321.3 | 0.1 | 25.3 | 24.3 | 35. |
| 25.0 | 82.3 | 8774.2 | 325.0 | -39.1 | -50.9 | 206.4 | 35.9 | 16.0 | 32.2 | 322.8 | 322.8 | 99.9 | 99.9 | 25.0 | 33. |
| 27.0 | 86.3 | 9188.3 | 300.0 | -43.0 | -53.0 | 207.0 | 35.6 | 16.1 | 31.7 | 324.8 | 324.8 | 99.9 | 99.9 | 32.0 | 33. |
| 28.9 | 90.7 | 9899.4 | 275.0 | -47.4 | -56.9 | 209.8 | 36.4 | 18.1 | 31.6 | 326.6 | 326.6 | 99.9 | 99.9 | 36.2 | 32. |
| 31.0 | 95.0 | 10572.1 | 250.0 | -52.1 | -59.9 | 215.4 | 37.4 | 21.7 | 30.5 | 328.7 | 328.7 | 99.9 | 99.9 | 40.9 | 32. |
| 33.4 | 99.8 | 11197.1 | 225.0 | -56.9 | -63.9 | 218.1 | 35.6 | 22.0 | 28.0 | 331.3 | 331.3 | 99.9 | 99.9 | 46.1 | 33. |
| 35.7 | 104.6 | 11937.6 | 200.0 | -60.3 | -67.9 | 218.1 | 35.5 | 21.9 | 27.9 | 337.2 | 337.2 | 99.9 | 99.9 | 51.4 | 33. |
| 39.3 | 110.3 | 12787.7 | 175.0 | -62.1 | -69.9 | 228.7 | 30.0 | 22.5 | 19.8 | 338.8 | 338.8 | 99.9 | 99.9 | 58.1 | 35. |
| 42.6 | 116.3 | 13797.3 | 150.0 | -50.8 | -68.9 | 230.1 | 22.3 | 17.1 | 14.3 | 352.6 | 352.6 | 99.9 | 99.9 | 62.7 | 36. |
| 47.4 | 122.8 | 14669.8 | 125.0 | -56.9 | -66.9 | 226.6 | 14.3 | 10.4 | 9.8 | 391.9 | 391.9 | 99.9 | 99.9 | 68.0 | 37. |
| 52.4 | 130.3 | 16367.1 | 100.0 | -40.2 | -59.9 | 222.3 | 9.6 | 6.5 | 7.1 | 411.5 | 411.5 | 99.9 | 99.9 | 71.9 | 37. |
| 58.9 | 139.3 | 18154.1 | 75.0 | -58.8 | -66.9 | 258.4 | 6.6 | 6.5 | 1.3 | 449.6 | 449.6 | 99.9 | 99.9 | 73.2 | 37. |
| 67.5 | 149.5 | 20602.6 | 50.0 | -57.8 | -66.9 | 318.0 | 7.3 | 4.9 | -5.4 | 507.3 | 507.3 | 99.9 | 99.9 | 73.8 | 38. |
| 81.1 | 162.0 | 25159.2 | 25.0 | -47.8 | -66.9 | 277.6 | 6.0 | 5.9 | -0.8 | 647.3 | 647.3 | 99.9 | 99.9 | 74.6 | 40. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 5 DEG

STATION NO. 469
DENVER, COLORADO

19 APRIL 1979
2005 GMT

152 13. 0

| TIME MIN | CNTCT | WEIGHT GPM | PRES MB | TEMP CG C | DEW PT CG C | DIR DG | SPEED M/SEC | J COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.2 | 23.3 | 1611.0 | 831.3 | 20.6 | -6.9 | 120.0 | 4.6 | -4.0 | 2.3 | 309.7 | 318.0 | 2.7 | 15.0 | 0.0 | 0. |
| 0.3 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 0.4 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 0.5 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 0.6 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 0.7 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 0.8 | 99.9 | 99.9 | 875.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 0.9 | 99.9 | 99.9 | 850.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 1.0 | 23.9 | 1676.3 | 925.0 | 18.5 | -3.5 | 115.4 | 5.2 | -4.7 | 2.2 | 308.2 | 315.5 | 2.4 | 15.1 | 0.2 | 303. |
| 1.1 | 26.6 | 1937.8 | 800.0 | 15.0 | -13.3 | 119.1 | 5.6 | -4.9 | 2.7 | 307.1 | 313.7 | 2.2 | 15.5 | 0.4 | 298. |
| 1.2 | 29.3 | 2206.7 | 775.0 | 12.1 | -12.0 | 128.6 | 7.5 | -5.9 | 4.7 | 306.8 | 312.8 | 2.0 | 17.3 | 0.7 | 298. |
| 1.3 | 32.0 | 2777.8 | 750.0 | 9.8 | -12.3 | 131.5 | 6.6 | -4.9 | 4.4 | 307.2 | 313.0 | 1.9 | 18.8 | 1.1 | 308. |
| 1.4 | 34.8 | 2757.6 | 725.0 | 6.8 | -14.3 | 128.5 | 7.1 | -5.5 | 4.4 | 307.0 | 312.3 | 1.7 | 20.4 | 1.4 | 308. |
| 1.5 | 37.6 | 3044.6 | 700.0 | 4.3 | -15.5 | 131.2 | 8.6 | -6.4 | 5.7 | 307.2 | 312.2 | 1.6 | 22.0 | 1.7 | 306. |
| 1.6 | 40.4 | 3339.0 | 675.0 | 1.7 | -16.1 | 134.9 | 7.5 | -5.3 | 5.3 | 307.6 | 312.6 | 1.6 | 25.2 | 2.1 | 307. |
| 1.7 | 43.2 | 3641.8 | 650.0 | -1.9 | -16.9 | 146.2 | 6.9 | -3.8 | 5.7 | 306.8 | 311.6 | 1.6 | 30.7 | 2.4 | 309. |
| 1.8 | 46.1 | 3952.4 | 625.0 | -3.9 | -17.3 | 154.8 | 6.6 | -2.8 | 6.0 | 303.0 | 312.8 | 1.6 | 34.4 | 2.5 | 310. |
| 1.9 | 49.3 | 4272.9 | 600.0 | -6.9 | -17.9 | 159.6 | 5.2 | -1.8 | 4.9 | 308.1 | 312.9 | 1.6 | 41.2 | 2.7 | 312. |
| 2.0 | 52.5 | 4602.9 | 575.0 | -10.3 | -18.5 | 164.9 | 4.3 | -1.1 | 4.2 | 307.9 | 312.7 | 1.5 | 51.1 | 2.9 | 316. |
| 2.1 | 55.6 | 4943.2 | 550.0 | -13.6 | -19.0 | 180.6 | 3.9 | 0.0 | 3.9 | 308.0 | 312.8 | 1.5 | 63.7 | 3.0 | 315. |
| 2.2 | 58.9 | 5294.8 | 525.0 | -17.1 | -19.1 | 204.9 | 5.1 | 2.1 | 4.6 | 307.9 | 312.9 | 1.6 | 84.4 | 3.1 | 318. |
| 2.3 | 62.1 | 5658.6 | 500.0 | -20.5 | -23.3 | 220.4 | 8.2 | 5.3 | 6.3 | 308.1 | 311.8 | 1.2 | 78.3 | 3.2 | 326. |
| 2.4 | 65.6 | 6035.8 | 475.0 | -23.8 | -30.3 | 228.0 | 12.5 | 9.3 | 8.4 | 308.5 | 310.6 | 0.6 | 55.2 | 3.5 | 341. |
| 2.5 | 69.0 | 6478.6 | 450.0 | -26.0 | -36.8 | 228.5 | 21.6 | 16.2 | 14.3 | 310.6 | 311.8 | 0.4 | 35.2 | 4.1 | 357. |
| 2.6 | 72.6 | 6941.3 | 425.0 | -26.9 | -40.8 | 218.3 | 28.8 | 17.8 | 22.6 | 314.5 | 315.4 | 0.2 | 25.3 | 8.8 | 22. |
| 2.7 | 76.3 | 7276.9 | 400.0 | -29.0 | -41.5 | 215.7 | 35.3 | 20.6 | 28.6 | 317.3 | 318.2 | 0.2 | 25.7 | 12.7 | 27. |
| 2.8 | 80.0 | 7735.6 | 375.0 | -32.2 | -44.7 | 212.5 | 38.5 | 20.7 | 32.5 | 319.0 | 319.7 | 0.2 | 27.4 | 15.7 | 28. |
| 2.9 | 84.0 | 8218.5 | 350.0 | -36.6 | -48.3 | 209.4 | 39.0 | 19.2 | 34.0 | 312.4 | 319.9 | 0.1 | 28.2 | 18.8 | 29. |
| 3.0 | 88.2 | 8728.7 | 325.0 | -39.5 | -49.9 | 207.0 | 37.3 | 16.9 | 33.2 | 322.3 | 322.3 | 99.9 | 99.9 | 22.8 | 28. |
| 3.1 | 92.3 | 9271.6 | 300.0 | -43.7 | -49.9 | 210.0 | 44.4 | 22.2 | 38.4 | 323.8 | 323.8 | 99.9 | 99.9 | 26.6 | 28. |
| 3.2 | 96.8 | 9950.6 | 275.0 | -47.8 | -49.9 | 212.7 | 42.7 | 23.1 | 35.9 | 326.0 | 326.0 | 99.9 | 99.9 | 33.9 | 29. |
| 3.3 | 101.6 | 10473.2 | 250.0 | -52.2 | -49.9 | 218.6 | 38.4 | 24.0 | 30.0 | 328.5 | 328.5 | 99.9 | 99.9 | 39.3 | 30. |
| 3.4 | 106.6 | 11148.6 | 225.0 | -56.6 | -49.9 | 214.5 | 37.2 | 21.0 | 30.7 | 331.8 | 331.8 | 99.9 | 99.9 | 44.1 | 31. |
| 3.5 | 111.8 | 11892.5 | 200.0 | -58.4 | -49.9 | 217.2 | 35.1 | 21.2 | 28.0 | 340.4 | 340.4 | 99.9 | 99.9 | 49.0 | 31. |
| 3.6 | 117.5 | 12745.3 | 175.0 | -52.8 | -49.9 | 236.8 | 29.2 | 24.4 | 16.0 | 362.7 | 362.7 | 99.9 | 99.9 | 54.8 | 33. |
| 3.7 | 123.8 | 13754.7 | 150.0 | -48.9 | -49.9 | 223.7 | 21.4 | 14.8 | 15.5 | 399.9 | 399.9 | 99.9 | 99.9 | 59.8 | 35. |
| 3.8 | 130.7 | 14926.8 | 125.0 | -56.7 | -49.9 | 212.2 | 15.0 | 8.0 | 12.7 | 392.3 | 392.3 | 99.9 | 99.9 | 63.8 | 35. |
| 3.9 | 138.3 | 16327.4 | 100.0 | -59.5 | -49.9 | 216.1 | 10.3 | 6.1 | 8.3 | 412.8 | 412.8 | 99.9 | 99.9 | 67.3 | 35. |
| 4.0 | 147.0 | 18104.1 | 75.0 | -60.5 | -49.9 | 192.7 | 5.3 | 1.2 | 5.2 | 446.1 | 446.1 | 99.9 | 99.9 | 69.2 | 35. |
| 4.1 | 157.5 | 20644.3 | 50.0 | -57.8 | -49.9 | 266.6 | 6.6 | 6.6 | 0.4 | 507.4 | 507.4 | 99.9 | 99.9 | 70.4 | 35. |
| 4.2 | 168.5 | 25092.6 | 25.0 | -50.8 | -49.9 | 999.9 | 99.9 | 99.9 | 99.9 | 639.0 | 639.0 | 99.9 | 99.9 | 71.8 | 38. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 669
DENVER, COLORADO19 APRIL 1979
2305 GMT

123 59. 0

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POV T DG K | E POT T DG K | MX RTO CM/KS | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 22.6 | 1611.0 | 830.6 | 22.2 | -17.0 | 240.0 | 10.3 | 0.9 | 5.2 | 311.5 | 315.3 | 1.2 | 6.0 | 0.0 | 0. |
| 00.0 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.0 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.0 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.0 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.0 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.0 | 99.9 | 99.9 | 875.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.0 | 99.9 | 99.9 | 850.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.0 | 99.9 | 99.9 | 825.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.0 | 23.1 | 1669.4 | 825.0 | 20.2 | -7.5 | 231.9 | 5.5 | 4.2 | 3.5 | 309.6 | 317.8 | 2.7 | 17.6 | 0.5 | 66. |
| 0.7 | 25.5 | 1312.6 | 800.0 | 17.3 | -9.4 | 232.4 | 7.3 | 4.9 | 4.5 | 309.8 | 317.2 | 2.4 | 17.8 | 0.6 | 62. |
| 1.4 | 27.9 | 2202.1 | 775.0 | 14.9 | -11.5 | 224.2 | 7.4 | 5.2 | 5.3 | 309.6 | 316.1 | 2.1 | 18.1 | 1.3 | 57. |
| 2.4 | 30.3 | 2677.6 | 750.0 | 12.9 | -13.4 | 222.9 | 7.1 | 4.8 | 5.2 | 309.6 | 315.4 | 1.9 | 18.6 | 1.7 | 53. |
| 3.4 | 32.9 | 2759.7 | 725.0 | 9.2 | -15.0 | 223.8 | 7.7 | 5.3 | 5.6 | 309.9 | 315.2 | 1.7 | 19.5 | 2.2 | 51. |
| 4.4 | 35.4 | 3149.1 | 700.0 | 6.7 | -16.7 | 217.5 | 7.7 | 4.7 | 6.1 | 309.7 | 314.5 | 1.5 | 20.9 | 2.7 | 49. |
| 5.4 | 38.0 | 3145.6 | 675.0 | 3.6 | -19.0 | 211.0 | 6.0 | 4.1 | 6.9 | 309.9 | 314.1 | 1.3 | 20.9 | 3.4 | 46. |
| 7.2 | 40.7 | 3650.2 | 650.0 | 0.9 | -20.8 | 204.0 | 8.9 | 3.6 | 8.2 | 310.3 | 314.0 | 1.2 | 21.9 | 4.0 | 43. |
| 9.5 | 43.4 | 3763.7 | 625.0 | -1.9 | -22.8 | 205.5 | 9.1 | 3.9 | 8.2 | 310.2 | 313.5 | 1.0 | 23.3 | 4.6 | 40. |
| 9.6 | 46.1 | 4246.2 | 600.0 | -5.1 | -24.1 | 207.2 | 9.4 | 4.3 | 8.4 | 310.2 | 313.2 | 0.9 | 26.6 | 5.2 | 39. |
| 10.6 | 49.0 | 4518.4 | 575.0 | -9.4 | -26.2 | 203.2 | 11.0 | 4.3 | 10.1 | 310.2 | 312.9 | 0.8 | 28.0 | 6.0 | 37. |
| 12.1 | 51.9 | 4941.2 | 550.0 | -11.7 | -27.3 | 199.3 | 11.4 | 3.7 | 10.7 | 310.2 | 312.7 | 0.8 | 34.4 | 6.7 | 35. |
| 13.2 | 54.9 | 5315.5 | 525.0 | -15.2 | -28.2 | 195.7 | 12.5 | 3.4 | 12.1 | 310.4 | 312.8 | 0.7 | 42.3 | 7.5 | 33. |
| 14.4 | 57.9 | 5682.1 | 500.0 | -18.6 | -29.1 | 194.4 | 13.3 | 3.3 | 12.9 | 310.6 | 313.0 | 0.7 | 52.7 | 8.3 | 31. |
| 15.5 | 60.9 | 6262.0 | 475.0 | -22.1 | -32.4 | 204.1 | 15.8 | 6.5 | 14.4 | 311.2 | 313.0 | 0.6 | 52.4 | 9.4 | 30. |
| 16.6 | 64.1 | 6456.9 | 450.0 | -25.5 | -36.8 | 215.4 | 20.6 | 12.0 | 16.8 | 312.5 | 313.5 | 0.3 | 36.3 | 10.8 | 30. |
| 18.1 | 67.4 | 6469.6 | 425.0 | -29.5 | -41.5 | 216.3 | 24.9 | 16.7 | 20.1 | 313.4 | 314.3 | 0.2 | 39.0 | 12.9 | 31. |
| 19.7 | 70.7 | 7300.7 | 400.0 | -32.0 | -41.1 | 216.7 | 29.6 | 17.7 | 23.7 | 314.1 | 315.1 | 0.3 | 58.2 | 15.4 | 32. |
| 21.2 | 74.3 | 7753.0 | 375.0 | -35.9 | -49.8 | 215.5 | 35.7 | 20.8 | 29.1 | 318.0 | 318.5 | 0.1 | 28.2 | 16.4 | 33. |
| 22.7 | 77.9 | 8230.2 | 350.0 | -37.6 | -49.9 | 213.2 | 41.7 | 22.8 | 34.9 | 321.0 | 999.9 | 99.9 | 999.9 | 23.3 | 33. |
| 24.3 | 81.7 | 8738.9 | 325.0 | -40.4 | 99.9 | 209.1 | 45.1 | 21.9 | 39.4 | 324.3 | 999.9 | 99.9 | 999.9 | 25.9 | 33. |
| 26.0 | 85.7 | 9281.1 | 300.0 | -43.4 | 99.9 | 207.2 | 45.8 | 21.0 | 40.7 | 327.4 | 999.9 | 99.9 | 999.9 | 34.5 | 32. |
| 29.0 | 89.8 | 9462.6 | 275.0 | -46.8 | 99.9 | 214.1 | 44.3 | 24.9 | 36.7 | 329.9 | 999.9 | 99.9 | 999.9 | 41.3 | 32. |
| 31.5 | 94.2 | 10458.2 | 250.0 | -51.2 | 99.9 | 211.6 | 38.2 | 20.8 | 32.5 | 335.5 | 999.9 | 99.9 | 999.9 | 47.1 | 32. |
| 33.3 | 98.4 | 11168.4 | 225.0 | -54.2 | 99.9 | 228.0 | 33.4 | 24.9 | 22.4 | 351.4 | 999.9 | 99.9 | 999.9 | 53.0 | 33. |
| 36.7 | 103.9 | 11925.2 | 200.0 | -51.2 | 99.9 | 231.0 | 24.7 | 19.7 | 14.9 | 370.3 | 999.9 | 99.9 | 999.9 | 58.8 | 35. |
| 40.2 | 109.0 | 12797.3 | 175.0 | -48.2 | 99.9 | 217.7 | 19.2 | 11.8 | 15.2 | 386.0 | 999.9 | 99.9 | 999.9 | 63.6 | 36. |
| 44.0 | 115.0 | 13511.6 | 150.0 | -48.8 | 99.9 | 212.2 | 13.0 | 8.0 | 12.6 | 390.4 | 999.9 | 99.9 | 999.9 | 67.1 | 36. |
| 47.6 | 121.5 | 14986.4 | 125.0 | -57.8 | 99.9 | 220.2 | 13.4 | 8.7 | 10.2 | 411.3 | 999.9 | 99.9 | 999.9 | 71.2 | 36. |
| 52.3 | 128.8 | 16372.5 | 100.0 | -60.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 444.6 | 999.9 | 99.9 | 999.9 | 74.4 | 35. |
| 58.6 | 137.3 | 18155.8 | 75.0 | -61.1 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 18 DEG

0 BY TEMP MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 449
DENVER, COLORADO20 APRIL 1979
207 GMT

146 15. 0

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DEG K | E POT T DEG K | MX WTD GM/KG | RH PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|-----------------|-----------|-------------|-----------|
| 0.0 | 23.5 | 1611.0 | 834.7 | 11.7 | -2.1 | 20.0 | 9.3 | -3.2 | -0.7 | 300.0 | 311.1 | 3.9 | 38.0 | 0.0 | 0. |
| 00.9 | 90.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.9 | 90.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.9 | 90.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.9 | 90.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.9 | 90.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.9 | 90.9 | 99.9 | 875.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.9 | 90.9 | 99.9 | 850.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.2 | 24.5 | 1708.7 | 825.0 | 10.5 | -0.7 | 22.1 | 14.8 | -5.6 | -13.7 | 299.7 | 312.1 | 4.4 | 45.8 | 0.5 | 203. |
| 1.2 | 27.1 | 1963.4 | 800.0 | 7.3 | -1.1 | 20.2 | 19.9 | -9.5 | -15.0 | 299.0 | 311.4 | 4.4 | 55.0 | 1.2 | 203. |
| 1.9 | 29.7 | 2224.0 | 775.0 | 5.3 | -2.2 | 15.5 | 15.6 | -4.2 | -15.0 | 299.5 | 311.4 | 4.2 | 55.5 | 1.9 | 201. |
| 2.9 | 32.4 | 2491.6 | 750.0 | 4.1 | -4.0 | 7.6 | 13.9 | -1.8 | -13.8 | 301.1 | 312.0 | 3.8 | 55.5 | 2.6 | 199. |
| 3.7 | 35.1 | 2766.6 | 725.0 | 2.2 | -4.7 | 10.1 | 12.3 | -2.2 | -12.1 | 301.9 | 312.6 | 3.7 | 60.3 | 3.3 | 195. |
| 4.6 | 37.8 | 3049.2 | 700.0 | 0.0 | -4.4 | 30.3 | 9.3 | -4.7 | -8.1 | 302.5 | 313.8 | 4.0 | 72.2 | 3.9 | 194. |
| 5.7 | 40.6 | 3339.8 | 675.0 | -1.7 | -4.9 | 81.2 | 7.4 | -7.4 | -1.1 | 303.0 | 315.1 | 3.9 | 78.7 | 4.3 | 190. |
| 6.5 | 43.4 | 3652.2 | 650.0 | -2.3 | -7.1 | 124.4 | 6.7 | -5.5 | 3.8 | 306.3 | 316.5 | 3.5 | 85.9 | 4.4 | 200. |
| 7.5 | 46.3 | 3950.5 | 625.0 | -4.9 | -10.6 | 192.4 | 5.6 | 0.2 | 5.6 | 306.9 | 315.0 | 2.7 | 83.9 | 4.2 | 207. |
| 8.4 | 49.3 | 4268.6 | 600.0 | -8.0 | -12.3 | 204.5 | 5.7 | 2.4 | 7.7 | 306.9 | 314.3 | 2.5 | 71.4 | 3.7 | 207. |
| 10.7 | 52.3 | 4598.8 | 575.0 | -10.6 | -15.4 | 200.6 | 8.2 | 2.9 | 7.7 | 307.6 | 313.7 | 2.0 | 68.0 | 3.2 | 208. |
| 11.5 | 55.4 | 4979.8 | 550.0 | -12.7 | -19.4 | 204.0 | 11.2 | 4.6 | 10.2 | 309.0 | 313.7 | 1.5 | 57.5 | 2.4 | 211. |
| 12.9 | 58.5 | 5392.8 | 525.0 | -15.6 | -21.4 | 205.4 | 11.7 | 5.0 | 10.6 | 309.5 | 313.6 | 1.3 | 62.1 | 1.4 | 214. |
| 14.2 | 61.6 | 5658.6 | 500.0 | -18.7 | -24.7 | 99.9 | 99.9 | 99.9 | 99.9 | 310.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 15.5 | 65.0 | 6039.5 | 475.0 | -21.7 | -27.0 | 99.9 | 99.9 | 99.9 | 99.9 | 311.1 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 16.9 | 68.3 | 6434.4 | 450.0 | -24.7 | -29.9 | 99.9 | 99.9 | 99.9 | 99.9 | 312.2 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 18.7 | 71.9 | 6847.1 | 425.0 | -28.9 | -33.7 | 99.9 | 99.9 | 99.9 | 99.9 | 312.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 20.0 | 75.3 | 7278.7 | 400.0 | -32.1 | -37.8 | 99.9 | 99.9 | 99.9 | 99.9 | 313.2 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 20.9 | 79.0 | 7729.7 | 375.0 | -36.5 | -39.6 | 99.9 | 99.9 | 99.9 | 99.9 | 313.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 22.0 | 82.9 | 8203.5 | 350.0 | -41.1 | -41.1 | 195.3 | 20.1 | 5.3 | 19.4 | 313.4 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 23.4 | 86.9 | 8703.2 | 325.0 | -44.5 | -44.5 | 204.7 | 27.0 | 11.3 | 24.5 | 315.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 25.2 | 91.2 | 9235.8 | 300.0 | -46.4 | -46.4 | 202.9 | 33.2 | 12.9 | 30.6 | 320.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 27.3 | 95.5 | 9811.9 | 275.0 | -49.5 | -49.5 | 199.0 | 38.4 | 12.5 | 36.3 | 325.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 29.9 | 100.2 | 10433.4 | 250.0 | -52.1 | -52.1 | 207.3 | 36.8 | 16.9 | 32.7 | 328.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 32.4 | 105.2 | 11112.4 | 225.0 | -53.7 | -53.7 | 214.6 | 38.9 | 22.1 | 32.0 | 330.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 35.7 | 110.4 | 11973.2 | 200.0 | -50.2 | -50.2 | 223.9 | 31.1 | 21.6 | 22.4 | 333.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 38.4 | 116.3 | 12753.2 | 175.0 | -50.0 | -50.0 | 223.9 | 19.2 | 13.3 | 13.9 | 367.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 42.9 | 122.5 | 13753.4 | 150.0 | -52.7 | -52.7 | 222.3 | 17.1 | 11.5 | 12.7 | 375.2 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 48.1 | 129.5 | 14920.9 | 125.0 | -57.3 | -57.3 | 230.8 | 9.5 | 7.3 | 6.0 | 391.2 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 50.5 | 137.3 | 16297.4 | 100.0 | -64.5 | -64.5 | 227.1 | 8.1 | 7.3 | 6.7 | 399.2 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 54.6 | 146.0 | 18750.2 | 75.0 | -63.1 | -63.1 | 241.3 | 9.9 | 7.1 | 3.9 | 400.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 65.3 | 155.3 | 20583.8 | 50.0 | -57.7 | -57.7 | 269.9 | 5.4 | 5.4 | 0.0 | 407.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 79.6 | 164.5 | 25001.8 | 25.0 | -53.6 | -53.6 | 172.5 | 8.7 | -1.1 | 8.6 | 430.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 469
DENVER, COLORADO28 APRIL 1979
505 GMT

| TIME MIN | CHCT | WEIGHT GPM | PRES MB | TEMP DEG C | DEV PT DEG C | OIR DEG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT Y DEG K | E POT Y DEG K | MX RTO CM/KG | RM PCT | RANGE K | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|-----------------|-----------|------------|-----------|
| 0.0 | 21.3 | 1611.0 | 836.2 | 7.0 | 1.2 | 30.0 | 6.2 | -3.1 | -5.4 | 295.9 | 309.7 | 5.0 | 63.0 | 0.0 | 0. |
| 0.0 | 99.0 | 99.0 | 1008.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 999.9 | 999.9 | 999.9 |
| 0.0 | 99.0 | 99.0 | 975.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 999.9 | 999.9 | 999.9 |
| 0.0 | 99.0 | 99.0 | 920.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 999.9 | 999.9 | 999.9 |
| 0.0 | 99.0 | 99.0 | 925.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 999.9 | 999.9 | 999.9 |
| 0.0 | 99.0 | 99.0 | 900.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 999.9 | 999.9 | 999.9 |
| 0.0 | 99.0 | 99.0 | 875.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 999.9 | 999.9 | 999.9 |
| 0.0 | 99.0 | 99.0 | 850.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 999.9 | 999.9 | 999.9 |
| 0.3 | 22.3 | 1702.4 | 825.0 | 6.3 | 0.5 | 38.9 | 11.2 | -7.0 | -8.7 | 295.3 | 308.5 | 4.8 | 66.3 | 0.3 | 226. |
| 1.2 | 28.6 | 1956.3 | 800.0 | 4.9 | -0.0 | 33.0 | 8.5 | -4.7 | -7.1 | 296.4 | 309.6 | 4.8 | 78.5 | 0.7 | 221. |
| 2.0 | 22.0 | 2212.6 | 775.0 | 2.9 | -0.7 | 15.5 | 4.5 | -1.2 | -4.3 | 296.9 | 309.9 | 4.7 | 77.4 | 1.0 | 217. |
| 2.9 | 29.4 | 2677.5 | 751.0 | 0.6 | -0.6 | 322.9 | 3.4 | 2.1 | -2.7 | 297.2 | 310.8 | 4.9 | 91.7 | 1.1 | 212. |
| 3.6 | 31.9 | 2749.1 | 725.0 | -1.2 | -2.0 | 291.0 | 5.4 | 5.0 | -1.9 | 298.1 | 310.9 | 4.6 | 94.4 | 1.1 | 203. |
| 4.5 | 34.3 | 3028.3 | 700.0 | -3.1 | -3.8 | 301.5 | 7.8 | 6.6 | -4.1 | 299.0 | 310.7 | 4.1 | 95.4 | 1.2 | 185. |
| 5.4 | 16.0 | 3115.5 | 675.0 | -5.3 | -5.9 | 303.0 | 9.3 | 7.8 | -5.1 | 299.8 | 310.1 | 3.6 | 95.0 | 1.5 | 170. |
| 6.5 | 30.6 | 3611.2 | 650.0 | -7.2 | -7.8 | 292.6 | 11.9 | 11.0 | -4.6 | 300.8 | 310.3 | 3.3 | 95.2 | 2.0 | 154. |
| 7.4 | 45.0 | 3915.8 | 625.0 | -9.1 | -9.9 | 269.5 | 12.3 | 12.3 | 0.1 | 302.0 | 310.5 | 2.9 | 94.2 | 2.5 | 142. |
| 8.8 | 46.7 | 4211.6 | 600.0 | -10.4 | -11.4 | 237.3 | 11.1 | 9.3 | 4.0 | 304.1 | 312.0 | 2.7 | 92.4 | 3.0 | 125. |
| 9.9 | 67.4 | 4558.7 | 575.0 | -11.9 | -12.6 | 215.7 | 10.6 | 6.2 | 8.6 | 306.1 | 313.6 | 2.5 | 94.2 | 3.2 | 112. |
| 10.8 | 50.2 | 4898.3 | 550.0 | -14.0 | -14.9 | 201.7 | 11.2 | 4.1 | 10.4 | 307.5 | 314.2 | 2.2 | 92.7 | 3.3 | 102. |
| 11.6 | 53.1 | 5250.3 | 525.0 | -16.3 | -17.4 | 191.0 | 12.1 | 2.3 | 11.8 | 308.9 | 314.6 | 1.9 | 90.8 | 3.4 | 90. |
| 12.9 | 56.9 | 5615.6 | 500.0 | -19.2 | -20.5 | 190.3 | 13.7 | 2.5 | 13.5 | 309.7 | 314.4 | 1.5 | 89.2 | 3.6 | 77. |
| 14.0 | 59.9 | 5996.7 | 475.0 | -22.0 | -24.9 | 186.5 | 16.4 | 1.9 | 16.3 | 309.8 | 313.1 | 1.1 | 82.7 | 4.1 | 64. |
| 15.4 | 62.0 | 6388.9 | 450.0 | -24.1 | -28.2 | 179.9 | 17.8 | -0.0 | 17.8 | 310.4 | 313.1 | 0.8 | 82.5 | 5.0 | 49. |
| 16.7 | 65.3 | 6799.1 | 425.0 | -30.1 | -33.1 | 182.5 | 16.2 | 0.7 | 16.2 | 310.4 | 312.2 | 0.5 | 75.1 | 5.0 | 39. |
| 18.4 | 68.5 | 7227.8 | 400.0 | -33.7 | -36.9 | 183.3 | 13.7 | 0.8 | 13.8 | 311.2 | 312.6 | 0.4 | 72.2 | 7.3 | 32. |
| 19.9 | 71.9 | 7678.0 | 375.0 | -37.5 | -40.9 | 187.4 | 13.9 | 1.8 | 13.8 | 312.0 | 312.9 | 0.3 | 70.1 | 9.3 | 28. |
| 21.7 | 75.4 | 8128.9 | 350.0 | -41.7 | 99.9 | 200.3 | 17.3 | 6.0 | 16.3 | 312.5 | 999.9 | 99.9 | 999.9 | 9.9 | 26. |
| 23.1 | 70.0 | 8627.3 | 325.0 | -44.2 | 99.9 | 214.9 | 22.1 | 12.6 | 18.1 | 315.7 | 999.9 | 99.9 | 999.9 | 11.3 | 26. |
| 25.1 | 82.8 | 9181.1 | 300.0 | -46.7 | 99.9 | 222.6 | 24.3 | 16.4 | 17.9 | 319.6 | 999.9 | 99.9 | 999.9 | 14.3 | 29. |
| 27.3 | 86.8 | 9756.7 | 275.0 | -49.0 | 99.9 | 216.9 | 24.0 | 14.4 | 19.2 | 324.2 | 999.9 | 99.9 | 999.9 | 17.4 | 31. |
| 29.3 | 91.0 | 10375.9 | 250.0 | -52.7 | 99.9 | 209.3 | 26.8 | 13.1 | 23.3 | 327.7 | 999.9 | 99.9 | 999.9 | 20.4 | 31. |
| 31.7 | 95.4 | 11254.7 | 225.0 | -52.5 | 99.9 | 216.2 | 29.7 | 17.6 | 24.0 | 338.1 | 999.9 | 99.9 | 999.9 | 24.6 | 31. |
| 34.9 | 100.2 | 11915.8 | 200.0 | -51.8 | 99.9 | 222.9 | 31.8 | 21.6 | 23.3 | 350.8 | 999.9 | 99.9 | 999.9 | 30.4 | 33. |
| 38.1 | 105.3 | 12646.6 | 175.0 | -51.0 | 99.9 | 228.6 | 24.7 | 18.6 | 16.4 | 345.7 | 999.9 | 99.9 | 999.9 | 34.0 | 35. |
| 41.9 | 110.4 | 13406.6 | 150.0 | -52.8 | 99.9 | 211.9 | 16.2 | 8.6 | 13.8 | 379.0 | 999.9 | 99.9 | 999.9 | 48.6 | 36. |
| 46.1 | 117.0 | 14931.8 | 125.0 | -59.9 | 99.9 | 235.4 | 12.1 | 9.9 | 9.9 | 386.6 | 999.9 | 99.9 | 999.9 | 48.8 | 38. |
| 51.4 | 124.0 | 16222.8 | 100.0 | -61.3 | 99.9 | 229.3 | 13.1 | 9.9 | 8.6 | 409.3 | 999.9 | 99.9 | 999.9 | 47.4 | 37. |
| 56.5 | 132.3 | 18009.1 | 75.0 | -60.8 | 99.9 | 208.6 | 6.3 | 3.0 | 5.6 | 445.4 | 999.9 | 99.9 | 999.9 | 51.1 | 38. |
| 68.1 | 142.5 | 20532.3 | 50.0 | -57.8 | 99.9 | 270.2 | 5.9 | 5.9 | -0.0 | 507.3 | 999.9 | 99.9 | 999.9 | 53.0 | 40. |
| 84.1 | 154.0 | 24939.8 | 25.0 | -52.4 | 99.9 | 341.4 | 6.6 | 2.1 | -6.2 | 634.8 | 999.9 | 99.9 | 999.9 | 53.1 | 43. |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 BY FEND MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 449
DENVER, COLORADO
20 APRIL 1979
005 GMT

| TIME MIN | CNTCT | HEIGHT CM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT Y DEG K | E POT Y DEG K | WIND CM/KG | RM PCT | RANGE AZ 10 DEG |
|-------------|-------|--------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|---------------|-----------|--------------------------|
| 0.0 | 21.2 | 1611.0 | 841.1 | 5.6 | 0.6 | 120.0 | 4.6 | -4.0 | 2.3 | 292.9 | 305.8 | 4.8 | 70.8 | 0.0 0. |
| 00.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 999. |
| 00.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 999. |
| 00.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 999. |
| 00.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 999. |
| 00.9 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 999. |
| 00.9 | 99.9 | 99.9 | 875.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 999. |
| 00.9 | 99.9 | 99.9 | 850.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 999. |
| 00.9 | 99.9 | 1768.8 | 825.0 | 3.6 | 1.4 | 104.3 | 5.1 | -4.9 | 1.3 | 292.4 | 306.4 | 5.2 | 85.6 | 0.3 305. |
| 0.5 | 22.7 | 2018.0 | 800.0 | 1.7 | -0.2 | 75.7 | 5.9 | -5.7 | -1.5 | 293.0 | 305.8 | 4.7 | 87.8 | 0.6 291. |
| 1.6 | 25.2 | 2273.6 | 775.0 | 0.5 | -1.6 | 36.2 | 8.9 | -5.3 | -7.2 | 293.3 | 306.4 | 4.4 | 88.2 | 0.8 287. |
| 2.5 | 27.8 | 2336.2 | 750.0 | -1.2 | -4.1 | 17.9 | 10.1 | -3.1 | -9.7 | 293.2 | 305.8 | 3.8 | 88.9 | 1.2 283. |
| 3.4 | 30.3 | 2403.8 | 725.0 | -2.8 | -6.1 | 352.9 | 6.8 | 6.9 | -8.7 | 294.4 | 305.8 | 3.3 | 77.8 | 1.6 276. |
| 4.5 | 33.0 | 2483.1 | 700.0 | -5.2 | -8.7 | 318.0 | 9.9 | 9.9 | -4.4 | 296.8 | 306.2 | 3.3 | 89.2 | 1.8 268. |
| 5.5 | 35.7 | 2568.1 | 675.0 | -7.2 | -10.7 | 286.1 | 9.9 | 8.6 | -2.5 | 297.7 | 306.7 | 3.2 | 95.7 | 1.8 260. |
| 6.7 | 38.3 | 2651.6 | 650.0 | -9.5 | -13.5 | 271.5 | 10.7 | 10.7 | -8.3 | 299.4 | 306.6 | 1.0 | 56.6 | 1.8 176. |
| 7.9 | 41.1 | 2736.6 | 625.0 | -11.0 | -15.2 | 256.9 | 10.5 | 10.3 | 2.4 | 299.9 | 305.4 | 1.9 | 71.4 | 1.9 152. |
| 9.1 | 43.9 | 2821.2 | 600.0 | -13.2 | -17.5 | 243.3 | 10.3 | 9.4 | 6.3 | 300.8 | 306.5 | 1.9 | 82.7 | 2.1 139. |
| 10.1 | 46.9 | 2906.2 | 575.0 | -15.5 | -19.8 | 231.6 | 11.0 | 10.0 | 6.3 | 301.9 | 306.4 | 1.5 | 75.7 | 2.4 115. |
| 11.4 | 49.9 | 2991.2 | 550.0 | -17.8 | -21.8 | 219.9 | 13.2 | 12.1 | 5.3 | 304.6 | 305.6 | 0.3 | 14.8 | 3.0 102. |
| 12.5 | 52.8 | 3076.2 | 525.0 | -19.6 | -23.5 | 208.3 | 13.3 | 13.1 | 2.7 | 306.2 | 306.7 | 0.2 | 11.2 | 4.0 94. |
| 13.9 | 55.8 | 3161.2 | 500.0 | -20.9 | -25.5 | 196.6 | 15.5 | 15.3 | 2.3 | 307.5 | 308.1 | 0.2 | 11.2 | 5.3 91. |
| 15.4 | 58.9 | 3246.2 | 475.0 | -23.9 | -28.5 | 184.9 | 15.9 | 15.4 | 3.9 | 308.4 | 309.9 | 0.1 | 11.5 | 6.6 89. |
| 16.4 | 62.1 | 3331.2 | 450.0 | -27.6 | -32.5 | 173.2 | 15.8 | 14.5 | 6.4 | 309.5 | 309.3 | 0.1 | 13.9 | 8.0 86. |
| 18.3 | 65.3 | 3416.2 | 425.0 | -31.2 | -36.3 | 161.5 | 17.6 | 15.6 | 8.5 | 309.0 | 309.3 | 0.1 | 16.8 | 9.6 82. |
| 20.1 | 69.9 | 3501.2 | 400.0 | -34.4 | -40.3 | 149.8 | 21.0 | 18.7 | 9.5 | 310.3 | 310.6 | 0.1 | 19.8 | 11.8 78. |
| 22.1 | 72.2 | 3586.2 | 375.0 | -38.0 | -44.3 | 138.1 | 21.2 | 18.9 | 9.6 | 311.3 | 311.5 | 0.1 | 15.4 | 14.3 73. |
| 24.1 | 76.2 | 3671.2 | 350.0 | -41.2 | -48.3 | 126.4 | 20.5 | 18.1 | 9.7 | 312.2 | 311.9 | 0.1 | 15.4 | 16.8 73. |
| 26.1 | 80.0 | 3756.2 | 325.0 | -45.1 | -52.3 | 114.7 | 21.2 | 18.0 | 10.4 | 313.6 | 313.9 | 0.1 | 15.4 | 19.4 72. |
| 28.3 | 84.0 | 3841.2 | 300.0 | -47.1 | -56.3 | 103.0 | 21.4 | 18.5 | 10.9 | 315.0 | 315.3 | 0.1 | 15.4 | 22.2 70. |
| 30.4 | 88.2 | 3926.2 | 275.0 | -49.0 | -60.3 | 91.3 | 22.6 | 16.5 | 15.3 | 316.1 | 316.4 | 0.1 | 15.4 | 25.1 68. |
| 32.4 | 92.7 | 4011.2 | 250.0 | -51.2 | -64.3 | 79.6 | 22.8 | 18.5 | 15.0 | 317.2 | 317.5 | 0.1 | 15.4 | 28.0 65. |
| 35.6 | 97.4 | 4096.2 | 225.0 | -50.7 | -62.3 | 67.9 | 20.4 | 20.4 | 20.3 | 318.3 | 318.6 | 0.1 | 15.4 | 30.9 63. |
| 38.6 | 102.4 | 4181.2 | 200.0 | -50.8 | -62.3 | 56.2 | 20.1 | 20.1 | 19.2 | 319.4 | 319.7 | 0.1 | 15.4 | 33.8 61. |
| 41.8 | 107.8 | 4266.2 | 175.0 | -50.6 | -62.3 | 44.5 | 20.1 | 17.7 | 19.2 | 320.5 | 320.8 | 0.1 | 15.4 | 36.7 59. |
| 45.3 | 113.5 | 4351.2 | 150.0 | -52.3 | -64.3 | 32.8 | 17.7 | 13.7 | 12.6 | 321.6 | 321.9 | 0.1 | 15.4 | 39.6 57. |
| 49.7 | 120.0 | 4436.2 | 125.0 | -59.4 | -69.3 | 21.1 | 18.6 | 10.6 | 13.7 | 322.7 | 323.0 | 0.1 | 15.4 | 42.5 55. |
| 53.9 | 127.0 | 4521.2 | 100.0 | -61.1 | -71.3 | 9.9 | 17.0 | 10.2 | 9.0 | 323.8 | 324.1 | 0.1 | 15.4 | 45.4 53. |
| 58.9 | 135.0 | 4606.2 | 75.0 | -60.9 | -70.3 | 99.9 | 6.3 | 6.2 | -1.3 | 324.9 | 325.2 | 0.1 | 15.4 | 48.3 51. |
| 67.1 | 146.3 | 4691.2 | 50.0 | -59.9 | -69.3 | 99.9 | 5.1 | 4.1 | 3.0 | 326.0 | 326.3 | 0.1 | 15.4 | 51.2 49. |
| 72.0 | 154.3 | 4776.2 | 25.0 | -59.9 | -69.3 | 99.9 | 99.9 | 99.9 | 99.9 | 327.1 | 327.4 | 0.1 | 15.4 | 54.1 47. |
| 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 999. |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 449
DENVER, COLORADO

20 APRIL 1979

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

1215 GMT

140 10. 1

| TIME MIN | CNTCT | WIGHT GPM | PRES MM | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MAX WTD CM/SEC | RM PCT | RANGE KM | AZ DG |
|-------------|-------|--------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-------------------|-----------|-------------|----------|
| 0.0 | 20.0 | 1011.0 | 842.6 | 3.9 | -11.3 | 100.0 | 2.6 | 0.5 | 2.6 | 291.0 | 296.6 | 1.9 | 32.0 | 0.0 | 0. |
| 0.5 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 1.0 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 1.5 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 2.0 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 2.5 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 3.0 | 99.9 | 99.9 | 875.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 3.5 | 99.9 | 99.9 | 850.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 4.0 | 99.9 | 99.9 | 825.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 4.5 | 99.9 | 99.9 | 800.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 5.0 | 99.9 | 99.9 | 775.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 5.5 | 99.9 | 99.9 | 750.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 6.0 | 99.9 | 99.9 | 725.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 6.5 | 99.9 | 99.9 | 700.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 7.0 | 99.9 | 99.9 | 675.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 7.5 | 99.9 | 99.9 | 650.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 8.0 | 99.9 | 99.9 | 625.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 8.5 | 99.9 | 99.9 | 600.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 9.0 | 99.9 | 99.9 | 575.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 9.5 | 99.9 | 99.9 | 550.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 10.0 | 99.9 | 99.9 | 525.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 10.5 | 99.9 | 99.9 | 500.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 11.0 | 99.9 | 99.9 | 475.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 11.5 | 99.9 | 99.9 | 450.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 12.0 | 99.9 | 99.9 | 425.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 12.5 | 99.9 | 99.9 | 400.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 13.0 | 99.9 | 99.9 | 375.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 13.5 | 99.9 | 99.9 | 350.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 14.0 | 99.9 | 99.9 | 325.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 14.5 | 99.9 | 99.9 | 300.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 15.0 | 99.9 | 99.9 | 275.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 15.5 | 99.9 | 99.9 | 250.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 16.0 | 99.9 | 99.9 | 225.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 16.5 | 99.9 | 99.9 | 200.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 17.0 | 99.9 | 99.9 | 175.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 17.5 | 99.9 | 99.9 | 150.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 18.0 | 99.9 | 99.9 | 125.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 18.5 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 19.0 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 19.5 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 20.0 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 20.5 | 99.9 | 99.9 | 0.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |

BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 532
RECRIA. ILLINOIS
19 APRIL 1979
1105 GMT

154 13. 0

| TIME MIN | CNCTY | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | WX RTO CM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 6.0 | 200.0 | 1000.8 | 9.4 | 4.4 | 140.0 | 5.7 | -3.7 | 4.4 | 292.5 | 296.1 | 5.3 | 71.0 | 0.0 | 0. |
| 0.3 | 6.1 | 206.7 | 1000.0 | 9.5 | 4.2 | 141.3 | 6.1 | -3.8 | 4.7 | 282.7 | 296.1 | 5.2 | 69.8 | 0.0 | 359. |
| 0.9 | 9.3 | 417.9 | 975.0 | 11.7 | 0.7 | 159.6 | 11.1 | -3.9 | 10.4 | 286.9 | 298.0 | 4.1 | 46.8 | 0.6 | 333. |
| 1.7 | 10.4 | 635.1 | 950.0 | 11.4 | -0.4 | 166.3 | 10.5 | -2.5 | 10.2 | 289.8 | 299.4 | 3.9 | 44.0 | 1.1 | 339. |
| 2.6 | 12.5 | 937.6 | 925.0 | 11.5 | -0.8 | 179.6 | 8.5 | -0.1 | 8.5 | 291.1 | 297.4 | 2.3 | 24.8 | 1.6 | 342. |
| 3.5 | 14.5 | 1086.9 | 900.0 | 12.5 | -16.6 | 176.0 | 5.8 | -0.4 | 5.8 | 294.4 | 298.1 | 1.2 | 12.2 | 2.0 | 346. |
| 4.4 | 17.0 | 1322.8 | 875.0 | 11.9 | 4.2 | 199.3 | 3.6 | 1.2 | 3.4 | 296.1 | 312.2 | 5.9 | 59.2 | 2.2 | 347. |
| 5.4 | 19.3 | 1565.3 | 853.0 | 10.4 | 6.5 | 239.9 | 2.4 | 2.3 | 0.8 | 297.0 | 316.5 | 7.2 | 76.9 | 2.3 | 351. |
| 6.4 | 21.5 | 1813.8 | 825.0 | 9.2 | 5.7 | 259.6 | 2.1 | 2.1 | 0.0 | 298.4 | 317.7 | 7.1 | 79.5 | 2.3 | 354. |
| 7.4 | 23.8 | 2068.8 | 800.0 | 7.8 | 5.1 | 282.8 | 2.1 | 2.1 | 0.3 | 299.4 | 318.4 | 6.9 | 83.3 | 2.3 | 357. |
| 8.5 | 26.2 | 2310.3 | 775.0 | 5.8 | 3.0 | 296.7 | 2.9 | 2.7 | 1.1 | 300.0 | 317.1 | 6.2 | 82.5 | 2.3 | 361. |
| 9.4 | 29.6 | 2598.3 | 750.0 | 3.8 | 1.1 | 324.3 | 2.6 | 2.6 | 1.5 | 300.7 | 316.1 | 5.5 | 82.8 | 2.4 | 364. |
| 10.5 | 31.1 | 2873.0 | 725.0 | 1.7 | -1.1 | 319.6 | 2.2 | 1.4 | 1.7 | 301.4 | 315.2 | 4.9 | 81.4 | 2.5 | 367. |
| 11.4 | 33.5 | 3155.4 | 700.0 | -0.4 | -2.3 | 215.8 | 1.9 | 1.1 | 1.5 | 302.1 | 315.2 | 4.6 | 80.8 | 2.6 | 370. |
| 12.4 | 36.0 | 3445.2 | 675.0 | -3.0 | -3.8 | 209.4 | 3.0 | 1.5 | 2.6 | 302.3 | 314.5 | 4.3 | 79.7 | 2.8 | 373. |
| 13.2 | 41.2 | 4051.8 | 650.0 | -4.5 | -11.4 | 214.6 | 5.1 | 2.9 | 4.2 | 303.8 | 311.2 | 2.5 | 59.8 | 3.0 | 376. |
| 14.7 | 43.8 | 4371.5 | 625.0 | -5.5 | -15.8 | 211.6 | 8.2 | 4.7 | 6.6 | 306.2 | 311.6 | 1.6 | 43.7 | 3.5 | 379. |
| 16.1 | 45.5 | 4702.0 | 600.0 | -6.8 | -18.7 | 210.0 | 10.1 | 5.3 | 8.6 | 308.6 | 314.0 | 1.4 | 37.8 | 4.1 | 382. |
| 17.7 | 47.1 | 5043.4 | 575.0 | -7.7 | -17.1 | 210.0 | 9.5 | 4.7 | 8.2 | 309.3 | 314.0 | 1.7 | 34.9 | 4.9 | 385. |
| 19.1 | 49.1 | 5398.2 | 550.0 | -12.5 | -17.2 | 204.5 | 8.6 | 3.6 | 7.8 | 309.3 | 314.0 | 1.8 | 67.9 | 5.6 | 388. |
| 20.4 | 52.1 | 5768.4 | 525.0 | -13.7 | -15.7 | 215.6 | 10.0 | 5.8 | 8.1 | 312.0 | 318.6 | 2.1 | 86.9 | 6.3 | 391. |
| 21.3 | 53.1 | 6150.2 | 500.0 | -15.6 | -17.1 | 233.2 | 11.5 | 9.2 | 6.9 | 314.1 | 320.4 | 2.0 | 89.1 | 7.2 | 394. |
| 22.2 | 59.0 | 6557.6 | 475.0 | -17.7 | -18.6 | 244.6 | 11.2 | 10.2 | 4.8 | 316.1 | 322.0 | 1.8 | 92.3 | 8.0 | 397. |
| 24.7 | 61.1 | 6979.5 | 450.0 | -19.9 | -21.2 | 259.4 | 9.3 | 9.2 | 1.7 | 318.3 | 323.3 | 1.6 | 89.0 | 8.7 | 400. |
| 26.1 | 64.3 | 7420.7 | 425.0 | -23.1 | -25.1 | 268.0 | 9.5 | 9.4 | 0.3 | 319.4 | 323.2 | 1.2 | 83.6 | 9.3 | 403. |
| 27.3 | 67.4 | 7893.8 | 400.0 | -26.6 | -28.4 | 274.2 | 7.5 | 7.5 | -0.7 | 320.4 | 323.4 | 0.9 | 82.7 | 10.3 | 406. |
| 29.5 | 73.9 | 8371.6 | 375.0 | -30.0 | -32.0 | 270.7 | 9.2 | 9.2 | -0.1 | 321.9 | 324.3 | 0.7 | 82.7 | 10.9 | 409. |
| 31.2 | 74.3 | 8896.3 | 350.0 | -33.8 | -35.7 | 262.1 | 6.6 | 6.6 | 0.9 | 324.1 | 325.3 | 0.5 | 80.9 | 11.5 | 412. |
| 33.2 | 78.6 | 9431.7 | 325.0 | -38.2 | -40.2 | 263.6 | 7.3 | 7.2 | 0.8 | 324.1 | 325.3 | 0.3 | 80.9 | 12.3 | 415. |
| 35.1 | 81.7 | 10011.8 | 300.0 | -43.1 | 92.9 | 269.0 | 7.4 | 7.4 | 0.1 | 324.7 | 325.3 | 0.1 | 80.9 | 13.0 | 418. |
| 37.4 | 85.7 | 10633.1 | 275.0 | -47.9 | 99.9 | 283.8 | 9.4 | 8.2 | -0.4 | 325.0 | 325.3 | 0.9 | 80.9 | 13.8 | 421. |
| 39.4 | 94.2 | 11303.1 | 250.0 | -53.2 | 99.9 | 291.6 | 9.1 | 8.1 | -0.2 | 327.0 | 325.3 | 0.9 | 80.9 | 14.7 | 424. |
| 42.4 | 99.0 | 12032.2 | 225.0 | -59.0 | 99.9 | 297.5 | 9.8 | 9.0 | -3.8 | 328.1 | 325.3 | 0.9 | 80.9 | 15.6 | 427. |
| 45.0 | 104.2 | 12942.7 | 200.0 | -64.5 | 99.9 | 297.2 | 13.5 | 12.0 | -6.2 | 330.6 | 325.3 | 0.9 | 80.9 | 17.2 | 430. |
| 48.2 | 109.9 | 13779.4 | 175.0 | -66.7 | 99.9 | 301.2 | 14.7 | 12.6 | -7.0 | 330.6 | 325.3 | 0.9 | 80.9 | 18.7 | 433. |
| 51.7 | 116.0 | 14966.0 | 150.0 | -67.0 | 99.9 | 299.4 | 16.9 | 14.7 | -8.6 | 330.6 | 325.3 | 0.9 | 80.9 | 22.7 | 436. |
| 56.0 | 123.3 | 16274.0 | 125.0 | -64.9 | 99.9 | 300.1 | 14.5 | 12.6 | -7.3 | 402.5 | 325.3 | 0.9 | 80.9 | 26.4 | 439. |
| 61.0 | 131.7 | 18048.8 | 75.0 | -59.5 | 99.9 | 314.3 | 10.0 | 7.2 | -8.6 | 403.4 | 325.3 | 0.9 | 80.9 | 30.4 | 442. |
| 67.3 | 141.5 | 20573.9 | 25.0 | -48.6 | 99.9 | 332.5 | 6.6 | 3.0 | -8.6 | 403.4 | 325.3 | 0.9 | 80.9 | 32.8 | 445. |
| 75.7 | 153.5 | 25024.4 | 25.0 | -48.6 | 99.9 | 999.9 | 99.9 | 99.0 | 99.0 | 445.3 | 325.3 | 0.9 | 80.9 | 37.0 | 448. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 532
PEORIA, ILLINOIS19 APRIL 1979
1405 GMT

| TIME -MIN | CNCT | HEIGHT GMM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | U COMP 4/SEC | V COMP M/SEC | POT T OG K | E POT T DG K | WX RTO GM/KG | RM PCY | RANGE KM | AZ DEG |
|--------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|-----------|
| 0.0 | 6.6 | 200.0 | 1001.1 | 12.2 | 5.6 | 140.0 | 5.1 | -3.3 | 3.9 | 285.3 | 300.1 | 5.7 | 64.0 | 0.0 | 0.0 |
| 0.0 | 6.7 | 209.2 | 1000.0 | 12.1 | 92.9 | 145.2 | 6.4 | -3.7 | 5.3 | 285.3 | 999.9 | 99.9 | 999.9 | 0.1 | 352 |
| 0.7 | 9.0 | 620.3 | 975.0 | 10.4 | 90.9 | 162.4 | 10.7 | -3.2 | 10.2 | 285.4 | 999.9 | 99.9 | 999.9 | 0.3 | 336 |
| 1.4 | 11.3 | 637.4 | 950.0 | 11.6 | 90.3 | 173.5 | 11.3 | -1.3 | 11.2 | 288.9 | 299.6 | 4.0 | 44.0 | 0.2 | 341 |
| 2.2 | 13.5 | 650.0 | 925.0 | 10.7 | 88.1 | 191.0 | 9.5 | 1.8 | 9.3 | 290.3 | 300.7 | 3.6 | 43.7 | 1.3 | 349 |
| 3.1 | 15.9 | 1088.1 | 900.0 | 10.4 | 88.8 | 196.0 | 8.1 | 2.2 | 7.8 | 292.2 | 298.5 | 2.2 | 24.9 | 1.7 | 358 |
| 3.8 | 18.3 | 1323.0 | 875.0 | 11.6 | 83.2 | 186.3 | 5.2 | 0.6 | 5.2 | 295.9 | 306.2 | 3.7 | 37.9 | 2.0 | 359 |
| 4.7 | 20.7 | 1505.3 | 850.0 | 10.6 | 7.3 | 189.8 | 3.4 | 0.6 | 3.3 | 297.3 | 315.7 | 6.8 | 71.5 | 2.2 | 360 |
| 5.4 | 23.1 | 1813.8 | 825.0 | 9.0 | 7.3 | 181.9 | 2.6 | 0.1 | 2.6 | 298.2 | 319.3 | 7.8 | 88.9 | 2.3 | 1 |
| 6.3 | 25.6 | 2068.6 | 800.0 | 7.3 | 6.3 | 160.6 | 2.1 | -0.7 | 2.0 | 294.9 | 319.4 | 7.5 | 93.3 | 2.4 | 0 |
| 7.2 | 28.1 | 2329.5 | 775.0 | 5.4 | 4.7 | 174.9 | 2.9 | -0.3 | 2.9 | 299.6 | 318.6 | 6.9 | 95.4 | 2.6 | 359 |
| 8.3 | 30.7 | 2597.2 | 750.0 | 3.2 | 2.7 | 197.4 | 3.7 | 1.1 | 3.5 | 300.1 | 317.3 | 6.2 | 95.9 | 2.8 | 160 |
| 9.2 | 33.3 | 2871.8 | 725.0 | 1.6 | 0.7 | 173.3 | 4.5 | 1.0 | 4.4 | 301.2 | 316.0 | 5.6 | 94.1 | 3.0 | 1 |
| 10.2 | 35.9 | 3153.9 | 700.0 | -0.5 | -1.3 | 188.3 | 5.3 | 0.8 | 5.2 | 301.9 | 316.0 | 5.0 | 94.3 | 3.3 | 2 |
| 11.1 | 38.6 | 3444.3 | 675.0 | -2.3 | -3.2 | 190.1 | 5.7 | 1.0 | 5.6 | 303.1 | 315.9 | 4.5 | 93.8 | 3.6 | 2 |
| 12.3 | 41.1 | 3743.1 | 650.0 | -4.7 | -6.6 | 193.4 | 7.1 | 1.8 | 7.5 | 303.7 | 314.2 | 3.6 | 86.4 | 4.0 | 4 |
| 13.4 | 44.1 | 4050.8 | 625.0 | -7.6 | -9.2 | 199.0 | 10.1 | 3.3 | 9.6 | 304.9 | 313.9 | 3.0 | 81.7 | 4.6 | 5 |
| 14.5 | 46.9 | 4367.3 | 600.0 | -10.6 | -12.1 | 212.8 | 12.5 | 6.8 | 10.5 | 307.4 | 317.6 | 3.5 | 96.5 | 5.3 | 7 |
| 15.6 | 49.9 | 4730.5 | 575.0 | -14.6 | -15.2 | 228.9 | 13.4 | 10.1 | 8.8 | 310.0 | 320.0 | 3.4 | 96.0 | 6.0 | 12 |
| 16.7 | 52.8 | 5044.6 | 550.0 | -18.3 | -18.0 | 248.6 | 11.9 | 11.1 | 4.3 | 311.9 | 321.0 | 3.0 | 94.5 | 6.7 | 17 |
| 17.9 | 55.8 | 5402.1 | 525.0 | -21.2 | -21.3 | 264.5 | 11.1 | 11.1 | 1.1 | 313.9 | 322.0 | 2.6 | 91.6 | 7.1 | 23 |
| 19.2 | 58.8 | 5774.3 | 500.0 | -24.2 | -24.2 | 274.7 | 10.9 | 10.9 | -0.9 | 315.7 | 322.8 | 2.3 | 90.1 | 7.5 | 29 |
| 20.4 | 62.0 | 6161.8 | 475.0 | -27.7 | -27.7 | 277.3 | 10.3 | 10.2 | -1.3 | 317.4 | 323.4 | 1.9 | 86.3 | 7.8 | 36 |
| 21.7 | 65.3 | 6566.6 | 450.0 | -30.3 | -30.3 | 276.2 | 9.8 | 9.8 | -1.1 | 319.0 | 323.8 | 1.5 | 81.1 | 8.3 | 39 |
| 23.2 | 68.6 | 6999.5 | 425.0 | -33.7 | -33.7 | 272.3 | 9.9 | 9.9 | -0.3 | 320.1 | 323.9 | 1.1 | 76.8 | 8.7 | 44 |
| 24.6 | 72.0 | 7431.4 | 400.0 | -37.8 | -37.8 | 272.3 | 9.8 | 9.8 | -0.4 | 321.3 | 324.4 | 0.9 | 79.2 | 9.3 | 48 |
| 26.2 | 75.6 | 7895.5 | 375.0 | -42.4 | -42.4 | 277.3 | 10.3 | 10.2 | -1.3 | 322.2 | 324.5 | 0.6 | 74.8 | 10.0 | 52 |
| 27.7 | 79.3 | 8393.5 | 350.0 | -47.5 | -47.5 | 269.8 | 9.0 | 9.0 | -0.5 | 323.3 | 324.6 | 0.4 | 65.8 | 10.7 | 55 |
| 29.4 | 83.0 | 8898.9 | 325.0 | -52.0 | -52.0 | 274.0 | 7.9 | 7.9 | -0.5 | 324.7 | 325.7 | 0.3 | 64.0 | 11.4 | 57 |
| 31.2 | 87.0 | 9455.1 | 300.0 | -56.9 | -56.9 | 279.9 | 5.8 | 5.7 | -1.0 | 325.7 | 999.9 | 99.9 | 999.9 | 11.9 | 60 |
| 32.9 | 91.2 | 10026.4 | 275.0 | -61.5 | -61.5 | 276.9 | 5.4 | 5.3 | -0.6 | 326.4 | 999.9 | 99.9 | 999.9 | 12.4 | 61 |
| 35.1 | 95.7 | 10548.5 | 250.0 | -65.3 | -65.3 | 284.5 | 4.5 | 4.4 | -1.1 | 326.8 | 999.9 | 99.9 | 999.9 | 12.9 | 63 |
| 37.3 | 100.4 | 11119.9 | 225.0 | -68.7 | -68.7 | 288.6 | 4.4 | 4.1 | -1.4 | 328.6 | 999.9 | 99.9 | 999.9 | 13.3 | 65 |
| 39.7 | 105.4 | 12019.6 | 200.0 | -72.0 | -72.0 | 284.0 | 5.9 | 5.7 | -1.4 | 331.0 | 999.9 | 99.9 | 999.9 | 13.8 | 67 |
| 42.2 | 110.6 | 12962.7 | 175.0 | -75.9 | -75.9 | 286.1 | 11.0 | 10.5 | -3.0 | 331.2 | 999.9 | 99.9 | 999.9 | 14.9 | 70 |
| 45.0 | 116.5 | 13904.9 | 150.0 | -83.7 | -83.7 | 294.8 | 13.7 | 12.5 | -5.8 | 330.4 | 999.9 | 99.9 | 999.9 | 16.5 | 74 |
| 48.3 | 123.3 | 14923.4 | 125.0 | -93.1 | -93.1 | 305.7 | 15.5 | 12.6 | -9.1 | 330.8 | 999.9 | 99.9 | 999.9 | 18.4 | 81 |
| 51.9 | 130.4 | 16294.9 | 100.0 | -103.2 | -103.2 | 312.3 | 12.7 | 9.4 | -8.6 | 405.8 | 999.9 | 99.9 | 999.9 | 21.1 | 87 |
| 57.0 | 139.3 | 18074.5 | 75.0 | -109.9 | -109.9 | 321.3 | 7.6 | 4.7 | -5.9 | 445.2 | 999.9 | 99.9 | 999.9 | 23.0 | 93 |
| 63.5 | 150.0 | 20598.7 | 50.0 | -158.6 | -158.6 | 325.6 | 6.2 | 3.5 | -5.1 | 505.4 | 999.9 | 99.9 | 999.9 | 24.4 | 97 |
| 74.0 | 162.5 | 25033.5 | 25.0 | -199.8 | -199.8 | 999.9 | 99.9 | 99.9 | 99.9 | 641.6 | 999.9 | 99.9 | 999.9 | 27.5 | 103 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 532
PEORIA, ILLINOIS

19 APRIL 1979

160 14. 0

| TIME MIN | CNCT | WEIGHT G/M | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTD G/M/G | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 6.6 | 200.0 | 1000.4 | 14.4 | 6.0 | 140.0 | 5.1 | -3.3 | 3.9 | 287.5 | 303.0 | 5.9 | 57.0 | 0.0 | 0. |
| 0.3 | 6.6 | 203.4 | 1000.3 | 14.4 | 99.9 | 140.1 | 5.3 | -3.4 | 4.0 | 287.5 | 303.0 | 99.9 | 99.9 | 0.0 | 357. |
| 0.9 | 8.9 | 416.5 | 975.3 | 12.9 | 3.6 | 145.5 | 7.2 | -4.0 | 6.0 | 288.1 | 301.6 | 5.1 | 53.0 | 0.3 | 323. |
| 1.5 | 11.1 | 636.1 | 950.0 | 10.9 | 2.4 | 170.2 | 7.2 | -1.2 | 7.1 | 230.3 | 301.0 | 4.6 | 55.5 | 0.7 | 323. |
| 2.3 | 13.4 | 856.5 | 925.0 | 10.6 | -0.2 | 179.1 | 7.3 | 2.4 | 6.9 | 293.4 | 301.5 | 4.1 | 46.9 | 0.9 | 341. |
| 3.1 | 15.7 | 1045.2 | 900.0 | 11.1 | -1.8 | 201.9 | 6.7 | 2.5 | 6.2 | 292.9 | 303.2 | 3.7 | 40.6 | 1.2 | 352. |
| 3.3 | 18.0 | 1319.8 | 875.0 | 10.4 | 3.4 | 208.1 | 6.7 | 3.2 | 5.9 | 294.6 | 309.9 | 3.6 | 61.9 | 1.4 | 353. |
| 4.4 | 20.4 | 1561.0 | 850.0 | 9.2 | 4.9 | 213.7 | 7.6 | 4.2 | 6.3 | 295.8 | 313.2 | 6.4 | 74.4 | 1.7 | 5. |
| 5.4 | 22.8 | 1808.1 | 825.0 | 7.5 | 5.2 | 215.6 | 8.5 | 4.9 | 6.9 | 296.5 | 314.8 | 6.8 | 85.6 | 2.1 | 10. |
| 6.3 | 25.2 | 2061.2 | 800.0 | 5.6 | 4.0 | 209.7 | 8.9 | 4.4 | 7.7 | 297.1 | 314.8 | 6.4 | 89.2 | 2.5 | 15. |
| 7.3 | 27.7 | 2320.8 | 775.0 | 4.4 | 4.2 | 182.5 | 7.1 | 0.3 | 7.1 | 298.5 | 316.8 | 6.7 | 98.9 | 3.0 | 16. |
| 8.3 | 30.2 | 2517.8 | 750.0 | 3.2 | 3.0 | 165.6 | 6.7 | -1.7 | 6.5 | 300.0 | 317.5 | 6.4 | 98.8 | 3.3 | 12. |
| 9.2 | 32.7 | 2861.8 | 725.0 | 0.6 | 0.4 | 169.6 | 7.0 | -1.3 | 8.1 | 301.2 | 313.0 | 5.5 | 98.7 | 3.7 | 10. |
| 10.2 | 35.3 | 3142.8 | 700.0 | -1.1 | -3.8 | 180.1 | 8.1 | 0.0 | 8.1 | 301.2 | 313.0 | 4.1 | 82.0 | 4.1 | 8. |
| 11.2 | 37.8 | 3432.4 | 675.0 | -2.7 | -3.2 | 191.3 | 9.1 | 1.8 | 8.9 | 302.6 | 315.3 | 4.5 | 96.5 | 4.6 | 8. |
| 12.1 | 40.5 | 3731.7 | 650.0 | -3.7 | -3.8 | 201.5 | 1.3 | 3.8 | 9.6 | 304.8 | 317.6 | 4.5 | 99.2 | 5.1 | 9. |
| 13.1 | 43.2 | 4041.5 | 625.3 | -4.8 | -4.9 | 216.4 | 12.1 | 7.2 | 9.7 | 306.9 | 319.3 | 4.3 | 99.4 | 5.7 | 11. |
| 14.2 | 46.0 | 4362.1 | 600.0 | -6.2 | -6.3 | 236.4 | 13.0 | 10.8 | 7.2 | 309.0 | 320.7 | 4.0 | 98.7 | 6.5 | 15. |
| 15.3 | 48.8 | 4694.8 | 575.0 | -7.6 | -7.9 | 256.3 | 12.2 | 11.8 | 2.9 | 311.1 | 322.1 | 3.7 | 97.6 | 7.0 | 21. |
| 16.5 | 51.7 | 5040.0 | 550.0 | -9.6 | -11.0 | 267.3 | 11.3 | 11.3 | 0.5 | 312.7 | 321.9 | 3.0 | 89.5 | 7.4 | 26. |
| 17.4 | 54.6 | 5378.5 | 525.0 | -11.5 | -14.0 | 281.6 | 11.5 | 11.2 | -2.3 | 314.6 | 323.3 | 2.5 | 81.4 | 7.8 | 33. |
| 18.1 | 57.8 | 5771.3 | 500.0 | -13.9 | -15.8 | 288.4 | 11.6 | 11.0 | -3.7 | 316.1 | 323.1 | 2.2 | 85.3 | 8.1 | 39. |
| 20.2 | 60.9 | 6159.5 | 475.0 | -16.2 | -17.6 | 290.6 | 11.7 | 11.0 | -4.1 | 317.9 | 324.4 | 2.0 | 89.2 | 8.4 | 44. |
| 21.5 | 64.0 | 6548.5 | 450.0 | -19.0 | -20.5 | 293.8 | 11.6 | 10.6 | -4.7 | 319.3 | 324.7 | 1.7 | 87.9 | 8.8 | 50. |
| 23.3 | 67.3 | 6937.9 | 425.0 | -22.1 | -25.4 | 295.0 | 11.9 | 10.7 | -5.0 | 320.6 | 324.4 | 1.1 | 74.2 | 9.3 | 55. |
| 24.5 | 70.7 | 7431.0 | 400.0 | -25.4 | -28.7 | 305.4 | 11.2 | 9.1 | -6.5 | 322.1 | 325.1 | 0.9 | 73.3 | 9.8 | 61. |
| 26.1 | 74.1 | 7935.1 | 375.0 | -29.0 | -33.7 | 312.9 | 10.4 | 7.6 | -7.0 | 323.2 | 325.2 | 0.6 | 63.6 | 10.1 | 66. |
| 27.6 | 77.9 | 8395.7 | 350.0 | -31.1 | -38.1 | 318.4 | 10.0 | 6.6 | -7.5 | 324.1 | 325.6 | 0.4 | 60.6 | 10.5 | 71. |
| 29.4 | 81.7 | 8902.0 | 325.0 | -37.7 | -41.7 | 320.3 | 10.0 | 6.4 | -7.7 | 324.7 | 325.8 | 0.3 | 65.8 | 10.9 | 76. |
| 31.7 | 85.7 | 9449.0 | 300.0 | -42.3 | 99.9 | 316.8 | 9.4 | 6.4 | -8.9 | 325.8 | 325.8 | 99.9 | 99.9 | 11.3 | 80. |
| 32.2 | 89.4 | 10030.1 | 275.0 | -48.0 | 99.9 | 286.7 | 5.1 | 4.9 | -1.5 | 325.7 | 325.7 | 99.9 | 99.9 | 11.7 | 82. |
| 34.2 | 94.2 | 10551.1 | 250.0 | -53.4 | 99.9 | 236.8 | 5.3 | 4.4 | 2.9 | 326.7 | 326.7 | 99.9 | 99.9 | 12.2 | 82. |
| 36.4 | 99.8 | 11322.4 | 225.0 | -58.3 | 99.9 | 219.7 | 6.0 | 5.1 | 3.0 | 329.1 | 329.1 | 99.9 | 99.9 | 12.9 | 80. |
| 39.3 | 103.8 | 12055.1 | 200.0 | -62.9 | 99.9 | 270.3 | 8.9 | 8.9 | -0.0 | 333.2 | 333.2 | 99.9 | 99.9 | 13.9 | 80. |
| 41.7 | 109.3 | 12859.7 | 175.0 | -67.5 | 99.9 | 297.6 | 12.6 | 11.2 | -5.9 | 338.6 | 338.6 | 99.9 | 99.9 | 15.6 | 83. |
| 44.7 | 115.3 | 13909.0 | 150.0 | -63.7 | 99.9 | 299.0 | 13.2 | 11.5 | -6.4 | 360.4 | 360.4 | 99.9 | 99.9 | 17.5 | 87. |
| 48.2 | 121.8 | 14925.1 | 125.0 | -63.7 | 99.9 | 304.2 | 12.4 | 10.6 | -6.2 | 379.6 | 379.6 | 99.9 | 99.9 | 19.9 | 92. |
| 52.5 | 129.0 | 16300.5 | 100.0 | -61.0 | 99.9 | 304.2 | 10.9 | 9.0 | -6.1 | 409.9 | 409.9 | 99.9 | 99.9 | 22.4 | 95. |
| 57.7 | 137.7 | 18333.4 | 75.0 | -61.5 | 99.9 | 310.2 | 6.9 | 5.8 | -6.7 | 444.1 | 444.1 | 99.9 | 99.9 | 24.8 | 99. |
| 64.5 | 149.0 | 20609.1 | 50.0 | -57.9 | 99.9 | 332.1 | 5.5 | 2.6 | -8.9 | 506.9 | 506.9 | 99.9 | 99.9 | 26.6 | 103. |
| 75.7 | 160.0 | 25058.6 | 25.0 | -49.7 | 99.9 | 263.2 | 8.2 | 8.2 | 1.0 | 641.8 | 641.8 | 99.9 | 99.9 | 30.0 | 105. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 532
 PEORIA, ILLINOIS

 19 APRIL 1979
 2005 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DEG K | E POT T DEG K | MX RTO CM/SEC | BH PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|------------------|-----------|-------------|-----------|
| 0.0 | 6.2 | 200.0 | 1000.0 | 13.9 | 10.1 | 110.0 | 4.1 | -3.9 | 1.4 | 287.1 | 307.2 | 7.0 | 78.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.4 | 8.4 | 413.6 | 975.0 | 12.8 | 6.5 | 126.7 | 7.3 | -5.9 | 4.4 | 288.0 | 304.4 | 6.2 | 65.3 | 0.3 | 297. |
| 1.5 | 10.5 | 631.2 | 950.0 | 11.3 | 4.0 | 135.5 | 8.4 | -3.9 | 6.0 | 288.6 | 302.7 | 5.4 | 60.7 | 0.7 | 303. |
| 2.1 | 12.7 | 853.5 | 925.0 | 10.0 | 1.8 | 155.2 | 7.4 | -3.1 | 6.8 | 289.6 | 302.7 | 4.7 | 56.6 | 1.1 | 310. |
| 3.2 | 15.0 | 1091.8 | 900.0 | 10.5 | 5.0 | 187.5 | 6.2 | 0.8 | 6.1 | 292.4 | 308.7 | 6.1 | 68.4 | 1.4 | 319. |
| 4.3 | 17.3 | 1317.3 | 875.0 | 10.6 | 8.0 | 213.6 | 7.0 | 3.9 | 5.8 | 294.9 | 315.5 | 7.7 | 83.8 | 1.5 | 330. |
| 4.4 | 19.5 | 1550.6 | 850.0 | 8.9 | 6.2 | 211.2 | 9.7 | 5.0 | 8.3 | 295.5 | 314.4 | 7.0 | 83.0 | 1.7 | 342. |
| 5.7 | 21.4 | 1835.8 | 825.0 | 8.2 | 4.3 | 203.6 | 11.6 | 4.7 | 10.7 | 297.3 | 314.6 | 6.3 | 76.2 | 2.1 | 354. |
| 6.5 | 24.1 | 2059.5 | 800.0 | 6.3 | 1.8 | 197.3 | 12.5 | 3.7 | 12.0 | 297.9 | 313.0 | 5.5 | 73.0 | 2.7 | 359. |
| 7.4 | 26.5 | 2319.3 | 775.0 | 4.0 | 1.4 | 196.1 | 12.5 | 3.5 | 12.0 | 298.1 | 313.3 | 5.5 | 82.9 | 3.4 | 3. |
| 8.5 | 28.9 | 2585.3 | 750.0 | 2.2 | 1.4 | 201.8 | 13.8 | 5.1 | 12.8 | 299.0 | 314.6 | 5.7 | 96.2 | 4.1 | 6. |
| 9.1 | 31.3 | 2859.1 | 725.0 | 0.9 | 0.3 | 210.3 | 12.7 | 6.4 | 11.0 | 300.4 | 317.1 | 5.4 | 96.1 | 4.8 | 8. |
| 10.1 | 33.9 | 3140.9 | 700.0 | -0.1 | -0.7 | 227.0 | 10.3 | 7.6 | 7.0 | 302.4 | 317.5 | 5.2 | 96.0 | 5.8 | 16. |
| 11.3 | 36.3 | 3432.4 | 675.0 | -0.8 | -1.3 | 258.6 | 10.2 | 10.0 | 2.0 | 304.8 | 319.5 | 4.9 | 95.8 | 6.0 | 22. |
| 12.3 | 38.8 | 3733.7 | 650.0 | -2.1 | -2.6 | 280.4 | 12.5 | 12.3 | -2.3 | 306.6 | 320.6 | 4.5 | 95.6 | 6.2 | 29. |
| 13.7 | 41.4 | 4045.3 | 625.0 | -3.6 | -4.2 | 282.2 | 14.4 | 14.0 | -3.0 | 308.3 | 321.4 | 4.1 | 95.1 | 6.5 | 38. |
| 14.3 | 44.1 | 4367.3 | 600.0 | -5.3 | -6.0 | 291.9 | 14.7 | 13.7 | -5.5 | 309.9 | 322.0 | 3.8 | 94.9 | 6.7 | 46. |
| 15.5 | 46.8 | 4701.0 | 575.0 | -6.9 | -7.6 | 302.6 | 13.8 | 11.7 | -7.5 | 311.9 | 323.2 | 3.3 | 93.6 | 7.0 | 54. |
| 16.7 | 49.6 | 5047.2 | 550.0 | -8.9 | -9.7 | 297.7 | 13.4 | 11.8 | -6.2 | 313.6 | 323.7 | 2.5 | 89.0 | 8.0 | 67. |
| 18.1 | 52.4 | 5408.6 | 525.0 | -11.0 | -11.8 | 301.8 | 13.0 | 11.0 | -6.8 | 315.3 | 324.4 | 2.0 | 87.7 | 8.6 | 72. |
| 19.7 | 55.3 | 5780.4 | 500.0 | -13.2 | -14.6 | 302.0 | 13.3 | 11.3 | -7.1 | 316.9 | 324.6 | 1.5 | 78.3 | 9.4 | 77. |
| 20.4 | 58.3 | 6169.5 | 475.0 | -14.0 | -17.5 | 298.7 | 13.5 | 11.8 | -6.5 | 318.2 | 324.6 | 1.1 | 71.2 | 10.3 | 80. |
| 21.9 | 61.4 | 6574.8 | 450.0 | -16.9 | -21.7 | 292.8 | 12.6 | 11.6 | -4.9 | 319.5 | 324.4 | 0.6 | 65.2 | 11.1 | 82. |
| 23.7 | 64.5 | 6998.2 | 425.0 | -21.9 | -25.7 | 289.6 | 10.7 | 10.2 | -3.4 | 320.9 | 324.6 | 0.5 | 59.1 | 12.1 | 86. |
| 26.4 | 71.1 | 7906.4 | 375.0 | -29.2 | -34.6 | 297.0 | 11.3 | 10.1 | -5.2 | 323.0 | 324.9 | 0.4 | 57.7 | 13.0 | 88. |
| 28.1 | 74.6 | 8395.5 | 350.0 | -33.4 | -38.8 | 301.6 | 9.5 | 8.1 | -5.0 | 323.8 | 325.1 | 0.3 | 59.8 | 13.7 | 91. |
| 29.9 | 78.1 | 8911.2 | 325.0 | -37.8 | -42.7 | 315.4 | 8.0 | 5.6 | -3.7 | 324.6 | 325.6 | 0.9 | 99.9 | 14.2 | 93. |
| 31.7 | 81.9 | 9457.4 | 300.0 | -42.8 | -47.8 | 303.9 | 6.6 | 5.5 | -3.7 | 325.1 | 325.6 | 0.9 | 99.9 | 14.9 | 95. |
| 33.7 | 85.9 | 10237.8 | 275.0 | -47.8 | -52.5 | 265.6 | 5.2 | 5.2 | 0.9 | 326.0 | 326.0 | 0.9 | 99.9 | 15.7 | 92. |
| 35.9 | 90.0 | 10659.7 | 250.0 | -52.5 | -57.7 | 296.2 | 10.7 | 9.6 | -4.7 | 330.1 | 329.9 | 0.9 | 99.9 | 17.1 | 93. |
| 38.1 | 94.4 | 11312.3 | 225.0 | -57.7 | -63.3 | 303.4 | 11.7 | 9.8 | -6.5 | 332.5 | 329.9 | 0.9 | 99.9 | 18.4 | 95. |
| 40.5 | 99.2 | 12066.0 | 200.0 | -63.3 | -66.0 | 313.4 | 12.0 | 8.7 | -8.3 | 341.1 | 329.9 | 0.9 | 99.9 | 20.2 | 99. |
| 43.1 | 104.3 | 12880.1 | 175.0 | -66.0 | -69.9 | 297.3 | 13.4 | 11.9 | -6.2 | 362.5 | 329.9 | 0.9 | 99.9 | 22.3 | 102. |
| 46.4 | 110.2 | 13923.7 | 150.0 | -62.4 | -61.7 | 297.3 | 13.4 | 10.9 | -6.8 | 383.3 | 329.9 | 0.9 | 99.9 | 25.2 | 103. |
| 50.7 | 116.3 | 14951.0 | 125.0 | -61.7 | -61.7 | 297.3 | 12.9 | 7.5 | -8.5 | 407.8 | 329.9 | 0.9 | 99.9 | 28.0 | 106. |
| 54.4 | 123.3 | 16330.1 | 100.0 | -62.5 | -60.3 | 318.5 | 11.4 | 5.8 | -7.1 | 446.5 | 329.9 | 0.9 | 99.9 | 30.8 | 110. |
| 58.6 | 131.7 | 18111.0 | 75.0 | -60.3 | -60.3 | 320.5 | 9.2 | 3.4 | -5.5 | 508.8 | 329.9 | 0.9 | 99.9 | 33.5 | 113. |
| 62.5 | 142.0 | 20656.9 | 50.0 | -57.2 | -59.9 | 328.4 | 6.4 | 8.8 | -1.6 | 644.3 | 329.9 | 0.9 | 99.9 | 37.8 | 113. |
| 70.5 | 154.0 | 25123.7 | 25.0 | -48.8 | -48.8 | 259.7 | 8.9 | | | | | | | | |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 532
PEORIA, ILLINOIS19 APRIL 1979
2305 GMT

134 12. 0

| TIME MIN | CNTCT | HEIGHT GPM | PRES WB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP H/SEC | POT Y DG K | E POT Y DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 6.9 | 200.0 | 998.0 | 13.9 | 7.9 | 130.0 | 5.1 | -3.9 | 3.3 | 287.2 | 304.7 | 6.7 | 67.0 | 0.0 | 0. |
| 0.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.9 | 8.8 | 397.1 | 975.0 | 13.7 | 5.4 | 129.8 | 11.0 | -8.4 | 7.0 | 289.9 | 304.2 | 5.8 | 57.2 | 0.5 | 305 |
| 1.6 | 10.9 | 615.6 | 950.0 | 12.7 | 1.6 | 137.2 | 11.2 | -7.6 | 8.2 | 290.1 | 302.3 | 4.5 | 46.9 | 1.0 | 308 |
| 2.4 | 13.1 | 839.3 | 923.0 | 12.4 | 0.6 | 148.4 | 8.5 | -4.4 | 7.2 | 292.0 | 304.0 | 4.4 | 44.8 | 1.5 | 313 |
| 3.3 | 15.3 | 1070.0 | 900.0 | 14.0 | 8.6 | 170.8 | 6.7 | -1.1 | 6.6 | 295.0 | 316.9 | 7.8 | 69.6 | 1.8 | 317 |
| 4.1 | 17.5 | 1307.7 | 875.0 | 12.7 | 6.1 | 194.1 | 8.1 | 2.0 | 7.0 | 297.0 | 315.4 | 6.8 | 63.8 | 2.1 | 325 |
| 5.2 | 19.7 | 1550.8 | 850.0 | 11.3 | 5.1 | 218.0 | 8.5 | 5.2 | 6.7 | 298.0 | 316.9 | 7.0 | 70.1 | 2.4 | 336 |
| 6.2 | 22.0 | 1799.7 | 825.0 | 9.2 | 5.1 | 230.5 | 7.4 | 5.7 | 4.7 | 298.4 | 316.7 | 6.7 | 75.3 | 2.6 | 346 |
| 7.2 | 24.3 | 2054.3 | 800.0 | 6.8 | 5.5 | 237.4 | 7.3 | 6.1 | 3.9 | 298.4 | 317.8 | 7.1 | 91.3 | 2.8 | 355 |
| 8.3 | 26.6 | 2315.0 | 775.0 | 5.3 | 4.9 | 251.7 | 8.4 | 7.9 | 2.6 | 298.5 | 318.8 | 7.0 | 97.1 | 3.0 | 3 |
| 9.1 | 29.0 | 2593.1 | 750.0 | 4.4 | 4.0 | 274.0 | 7.5 | 7.5 | -0.5 | 301.4 | 320.3 | 6.8 | 97.1 | 3.1 | 10 |
| 10.2 | 31.4 | 2859.3 | 725.0 | 3.0 | 2.6 | 279.4 | 7.7 | 7.6 | -1.3 | 302.7 | 320.6 | 6.4 | 97.1 | 3.2 | 19 |
| 10.9 | 33.8 | 3143.2 | 700.0 | 1.4 | 0.9 | 284.3 | 8.5 | 8.3 | -2.1 | 305.0 | 320.5 | 5.9 | 97.0 | 3.3 | 25 |
| 11.8 | 36.3 | 3435.7 | 675.0 | -0.4 | -1.0 | 300.8 | 9.9 | 8.5 | -5.1 | 305.2 | 320.2 | 5.3 | 95.8 | 3.3 | 34 |
| 12.8 | 38.8 | 3737.4 | 650.0 | -1.4 | -2.3 | 301.1 | 11.2 | 9.6 | -5.8 | 307.4 | 321.3 | 4.8 | 90.6 | 3.4 | 45 |
| 13.8 | 41.4 | 4049.7 | 625.0 | -3.0 | -3.8 | 293.1 | 12.0 | 11.0 | -4.7 | 309.0 | 321.7 | 4.3 | 81.6 | 3.6 | 55 |
| 14.7 | 44.0 | 4371.8 | 600.0 | -5.8 | -5.5 | 291.9 | 12.0 | 11.1 | -4.5 | 309.4 | 321.0 | 3.9 | 94.7 | 4.0 | 63 |
| 16.1 | 46.7 | 4704.9 | 575.0 | -7.6 | -7.2 | 292.5 | 12.7 | 11.7 | -4.8 | 311.1 | 321.1 | 3.3 | 88.1 | 4.7 | 72 |
| 17.4 | 49.4 | 5050.6 | 550.0 | -9.0 | -10.1 | 297.6 | 12.5 | 11.1 | -5.8 | 313.4 | 323.1 | 3.2 | 91.7 | 5.5 | 79 |
| 18.7 | 52.3 | 5409.4 | 525.0 | -11.6 | -14.7 | 300.9 | 10.8 | 9.3 | -5.5 | 314.5 | 321.7 | 2.3 | 77.5 | 6.3 | 85 |
| 20.1 | 55.2 | 5782.2 | 500.0 | -13.6 | -16.8 | 303.4 | 9.5 | 7.5 | -5.9 | 316.5 | 322.9 | 2.0 | 76.6 | 6.9 | 89 |
| 21.5 | 58.1 | 6170.4 | 475.0 | -16.3 | -18.0 | 306.3 | 8.6 | 6.9 | -5.1 | 317.8 | 324.1 | 2.0 | 85.8 | 7.5 | 93 |
| 22.9 | 61.3 | 6575.2 | 450.0 | -19.4 | -24.4 | 285.1 | 8.6 | 8.3 | -2.2 | 318.9 | 322.7 | 1.2 | 64.5 | 8.1 | 95 |
| 24.5 | 64.4 | 6997.5 | 425.0 | -22.6 | -28.4 | 272.8 | 9.3 | 9.2 | -0.5 | 320.0 | 322.9 | 0.9 | 59.0 | 9.0 | 95 |
| 25.9 | 67.6 | 7439.9 | 400.0 | -26.2 | -33.9 | 280.4 | 10.1 | 9.9 | -1.8 | 321.0 | 322.9 | 0.5 | 47.7 | 9.8 | 95 |
| 27.3 | 70.9 | 7903.6 | 375.0 | -29.5 | -36.5 | 288.4 | 9.5 | 9.0 | -3.0 | 322.6 | 322.8 | 0.1 | 6.6 | 10.6 | 96 |
| 29.7 | 74.3 | 8382.1 | 350.0 | -33.4 | -41.7 | 293.7 | 8.6 | 7.9 | -3.5 | 323.8 | 324.0 | 0.1 | 8.7 | 11.5 | 97 |
| 31.0 | 78.0 | 8907.7 | 325.0 | -37.9 | -45.4 | 294.2 | 8.5 | 7.7 | -3.5 | 324.4 | 324.5 | 0.0 | 3.8 | 12.4 | 98 |
| 32.9 | 81.7 | 9454.0 | 300.0 | -42.8 | -49.9 | 296.6 | 10.6 | 9.5 | -4.7 | 325.3 | 325.3 | 99.9 | 99.9 | 13.5 | 100 |
| 34.9 | 85.7 | 10034.5 | 275.0 | -48.0 | -54.9 | 302.8 | 14.2 | 11.9 | -7.7 | 325.6 | 325.6 | 99.9 | 99.9 | 14.9 | 102 |
| 37.0 | 89.8 | 10655.3 | 250.0 | -53.1 | -59.9 | 307.8 | 16.6 | 13.1 | -10.2 | 327.1 | 327.1 | 99.9 | 99.9 | 16.7 | 104 |
| 39.4 | 94.3 | 11325.4 | 225.0 | -58.9 | -64.9 | 306.7 | 13.2 | 10.6 | -7.9 | 328.3 | 328.3 | 99.9 | 99.9 | 18.6 | 107 |
| 41.3 | 99.0 | 12058.6 | 200.0 | -62.9 | -69.9 | 303.2 | 15.5 | 13.0 | -8.5 | 333.2 | 333.2 | 99.9 | 99.9 | 20.7 | 109 |
| 44.7 | 104.2 | 12949.1 | 175.0 | -66.0 | -74.9 | 305.5 | 14.3 | 11.6 | -8.3 | 341.0 | 341.0 | 99.9 | 99.9 | 23.1 | 111 |
| 48.1 | 109.8 | 13815.5 | 150.0 | -62.5 | -70.9 | 302.9 | 17.5 | 14.7 | -9.5 | 362.4 | 362.4 | 99.9 | 99.9 | 26.1 | 112 |
| 51.9 | 116.0 | 14934.6 | 125.0 | -63.3 | -71.9 | 318.1 | 15.1 | 10.1 | -11.2 | 380.4 | 380.4 | 99.9 | 99.9 | 29.6 | 114 |
| 56.6 | 123.0 | 16308.6 | 100.0 | -62.7 | -70.9 | 324.4 | 11.0 | 6.4 | -9.0 | 408.6 | 408.6 | 99.9 | 99.9 | 32.8 | 117 |
| 62.4 | 131.3 | 18091.0 | 75.0 | -61.9 | -69.9 | 320.8 | 10.7 | 6.7 | -8.3 | 443.2 | 443.2 | 99.9 | 99.9 | 36.1 | 119 |
| 70.3 | 141.3 | 20606.4 | 50.0 | -59.0 | -67.9 | 344.9 | 8.0 | 2.1 | -7.8 | 504.6 | 504.6 | 99.9 | 99.9 | 40.8 | 123 |
| 82.4 | 153.0 | 25364.0 | 25.0 | -50.1 | -59.9 | 999.9 | 99.9 | 99.9 | -99.9 | 440.6 | 440.6 | 99.9 | 99.9 | 43.7 | 125 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TEMP HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 532
PEORIA, ILLINOIS20 APRIL 1979
205 GMT

162 13. 0

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GN/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.3 | 6.7 | 200.0 | 997.5 | 13.3 | 7.7 | 120.0 | 4.1 | -3.6 | 2.0 | 286.7 | 303.9 | 6.7 | 69.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.7 | 8.6 | 392.9 | 975.0 | 14.4 | 6.1 | 134.6 | 13.1 | -9.3 | 9.2 | 289.6 | 305.7 | 6.1 | 57.4 | 0.4 | 307. |
| 1.5 | 10.9 | 612.7 | 950.0 | 14.1 | 3.3 | 146.8 | 12.9 | -7.4 | 10.5 | 291.5 | 305.4 | 5.1 | 48.1 | 1.0 | 314. |
| 2.4 | 13.2 | 436.9 | 925.0 | 14.4 | -15.0 | 145.3 | 10.6 | -6.1 | 8.6 | 294.0 | 297.8 | 1.3 | 11.7 | 1.6 | 320. |
| 3.3 | 15.5 | 1068.1 | 900.0 | 13.4 | 7.2 | 145.0 | 9.6 | -5.4 | 8.0 | 295.3 | 314.6 | 7.2 | 65.5 | 2.2 | 320. |
| 4.2 | 17.9 | 1304.9 | 875.0 | 12.0 | 7.9 | 168.7 | 9.2 | -1.8 | 9.1 | 296.3 | 317.0 | 7.7 | 75.7 | 2.7 | 323. |
| 5.1 | 20.3 | 1567.8 | 850.0 | 11.1 | 6.7 | 200.5 | 9.8 | 3.4 | 9.2 | 297.8 | 317.5 | 7.3 | 74.0 | 3.1 | 329. |
| 6.1 | 22.7 | 1796.8 | 825.0 | 9.7 | 5.2 | 213.1 | 8.6 | 4.7 | 7.2 | 298.9 | 317.3 | 6.7 | 73.1 | 3.4 | 338. |
| 7.1 | 25.2 | 2052.2 | 800.0 | 8.3 | 5.6 | 227.8 | 7.5 | 5.5 | 5.0 | 300.0 | 319.6 | 7.1 | 83.1 | 3.6 | 344. |
| 8.1 | 27.7 | 2314.1 | 775.0 | 6.1 | 5.3 | 245.0 | 8.4 | 7.6 | 3.5 | 300.4 | 320.2 | 7.2 | 94.6 | 3.8 | 351. |
| 9.1 | 30.2 | 2582.7 | 750.0 | 4.9 | 4.3 | 260.1 | 8.1 | 8.0 | 1.4 | 301.9 | 321.3 | 7.0 | 95.6 | 3.9 | 358. |
| 10.2 | 32.8 | 2859.6 | 725.0 | 3.9 | 3.3 | 263.2 | 7.7 | 7.7 | 0.9 | 303.8 | 322.5 | 6.7 | 95.5 | 4.0 | 6. |
| 11.2 | 35.3 | 3144.5 | 700.0 | 2.2 | 1.5 | 276.8 | 7.6 | 7.5 | -0.9 | 304.9 | 322.2 | 6.1 | 95.5 | 4.0 | 13. |
| 12.4 | 38.0 | 3437.6 | 675.0 | -0.0 | -1.4 | 280.4 | 8.3 | 8.2 | -1.5 | 305.6 | 320.4 | 5.1 | 90.6 | 4.1 | 20. |
| 13.5 | 40.7 | 3739.6 | 650.0 | -1.8 | -3.0 | 284.0 | 9.5 | 9.3 | -2.3 | 306.9 | 320.6 | 4.7 | 91.6 | 4.2 | 28. |
| 14.5 | 43.4 | 4051.1 | 625.0 | -4.0 | -4.9 | 283.6 | 10.0 | 9.7 | -2.4 | 307.9 | 320.4 | 4.3 | 93.7 | 4.4 | 36. |
| 15.4 | 46.1 | 4372.5 | 600.0 | -5.7 | -8.5 | 281.9 | 10.4 | 10.2 | -2.2 | 309.5 | 319.5 | 3.3 | 80.3 | 4.6 | 45. |
| 17.2 | 49.0 | 4705.0 | 575.0 | -8.1 | -12.5 | 281.0 | 10.1 | 9.9 | -1.9 | 310.5 | 318.2 | 2.5 | 73.5 | 5.3 | 53. |
| 18.5 | 51.9 | 5050.2 | 550.0 | -8.4 | -10.6 | 273.3 | 8.3 | 8.3 | -0.5 | 314.1 | 316.0 | 0.6 | 15.1 | 5.8 | 58. |
| 19.7 | 54.9 | 5409.6 | 525.0 | -11.0 | -17.6 | 265.0 | 8.0 | 8.0 | 0.7 | 315.2 | 320.9 | 1.8 | 57.9 | 6.3 | 60. |
| 21.0 | 57.9 | 5782.9 | 500.0 | -13.7 | -19.3 | 267.0 | 6.8 | 6.8 | 0.4 | 316.4 | 321.7 | 1.7 | 62.4 | 6.9 | 62. |
| 22.5 | 61.0 | 6170.9 | 475.0 | -16.6 | -21.3 | 277.9 | 5.5 | 5.4 | -0.8 | 317.4 | 322.2 | 1.5 | 67.0 | 7.4 | 64. |
| 24.1 | 64.3 | 6575.7 | 450.0 | -19.1 | -25.5 | 281.8 | 5.6 | 5.5 | -1.2 | 320.7 | 322.6 | 0.5 | 35.1 | 8.3 | 69. |
| 25.6 | 67.6 | 6998.8 | 425.0 | -22.1 | -33.3 | 278.8 | 8.1 | 8.0 | -1.5 | 321.4 | 322.6 | 0.4 | 30.7 | 9.0 | 72. |
| 27.2 | 71.0 | 7461.6 | 400.0 | -25.9 | -41.0 | 280.1 | 9.3 | 9.1 | -1.7 | 322.6 | 323.6 | 0.3 | 31.6 | 9.9 | 74. |
| 28.3 | 74.6 | 7906.0 | 375.0 | -29.5 | -48.3 | 279.6 | 9.7 | 9.5 | -1.6 | 323.3 | 323.9 | 0.1 | 23.7 | 10.6 | 77. |
| 30.7 | 78.1 | 8393.9 | 350.0 | -33.7 | -47.3 | 270.3 | 9.6 | 9.5 | -1.6 | 324.2 | 324.7 | 0.1 | 32.8 | 11.9 | 79. |
| 32.4 | 82.0 | 8909.2 | 325.0 | -39.1 | -48.3 | 286.7 | 9.3 | 8.9 | -2.7 | 325.4 | 325.9 | 0.1 | 99.9 | 12.9 | 82. |
| 34.8 | 85.9 | 9455.3 | 300.0 | -42.5 | 99.9 | 297.9 | 12.1 | 10.7 | -5.7 | 326.3 | 326.3 | 99.9 | 99.9 | 14.2 | 86. |
| 36.5 | 90.0 | 10036.7 | 275.0 | -47.6 | 99.9 | 297.9 | 16.9 | 14.9 | -7.9 | 326.3 | 326.3 | 99.9 | 99.9 | 16.0 | 90. |
| 38.4 | 94.4 | 10558.3 | 250.0 | -53.6 | 99.9 | 298.2 | 18.7 | 16.5 | -8.8 | 326.4 | 326.4 | 99.9 | 99.9 | 18.5 | 94. |
| 41.0 | 99.2 | 11326.4 | 225.0 | -59.3 | 99.9 | 302.5 | 19.3 | 16.3 | -10.4 | 327.6 | 327.6 | 99.9 | 99.9 | 21.3 | 99. |
| 43.9 | 104.0 | 12057.2 | 200.0 | -63.3 | 99.9 | 307.5 | 17.5 | 13.9 | -10.7 | 332.5 | 332.5 | 99.9 | 99.9 | 24.2 | 102. |
| 46.9 | 109.4 | 12877.7 | 175.0 | -63.4 | 99.9 | 298.3 | 19.5 | 17.2 | -9.2 | 345.3 | 345.3 | 99.9 | 99.9 | 27.7 | 104. |
| 49.9 | 115.3 | 13819.0 | 150.0 | -64.6 | 99.9 | 310.4 | 17.6 | 13.4 | -11.4 | 358.8 | 358.8 | 99.9 | 99.9 | 30.9 | 108. |
| 53.9 | 121.4 | 14924.8 | 125.0 | -66.0 | 99.9 | 314.1 | 16.0 | 11.5 | -11.1 | 375.4 | 375.4 | 99.9 | 99.9 | 34.4 | 112. |
| 58.5 | 129.3 | 16285.1 | 100.0 | -64.4 | 99.9 | 335.8 | 13.5 | 5.5 | -12.3 | 403.3 | 403.3 | 99.9 | 99.9 | 37.0 | 117. |
| 64.5 | 138.0 | 18049.7 | 75.0 | -62.4 | 99.9 | 355.2 | 10.1 | 0.9 | -10.1 | 442.2 | 442.2 | 99.9 | 99.9 | 39.4 | 122. |
| 72.7 | 148.7 | 20579.0 | 50.0 | -57.5 | 99.9 | 358.3 | 4.9 | 0.1 | -4.9 | 508.2 | 508.2 | 99.9 | 99.9 | 42.9 | 121. |
| 86.5 | 161.0 | 25015.8 | 25.0 | -49.5 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 642.4 | 642.4 | 99.9 | 99.9 | | |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 532
PEORIA, ILLINOIS20 APRIL 1979
505 GMT

| TIME MIN | CHTY | HEIGHT GPN | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT Y DEG K | E POT Y DEG K | MR RTO CM/KG | RM PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|-----------------|-----------|-------------|-----------|
| 0.0 | 6.7 | 200.0 | 996.0 | 13.3 | 6.6 | 110.0 | 4.6 | -0.3 | 1.6 | 286.8 | 302.9 | 6.2 | 66.0 | 0.0 | 0.0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.6 | 8.5 | 300.3 | 975.0 | 14.5 | 4.9 | 99.9 | 99.9 | 99.9 | 99.9 | 287.7 | 304.6 | 5.6 | 52.5 | 99.9 | 99.9 |
| 1.3 | 10.6 | 599.9 | 950.0 | 14.7 | 1.3 | 99.9 | 99.9 | 99.9 | 99.9 | 292.1 | 304.3 | 4.5 | 40.4 | 99.9 | 99.9 |
| 2.1 | 12.8 | 925.0 | 925.0 | 14.6 | -10.4 | 99.9 | 99.9 | 99.9 | 99.9 | 294.3 | 299.7 | 1.9 | 18.6 | 1.8 | 327. |
| 3.0 | 15.1 | 1056.1 | 900.0 | 13.8 | 5.0 | 169.6 | 12.5 | -2.3 | 12.3 | 295.8 | 312.3 | 6.1 | 55.3 | 2.5 | 331. |
| 3.9 | 17.5 | 1293.5 | 875.0 | 12.7 | 5.6 | 169.3 | 10.9 | 1.8 | 10.8 | 297.0 | 314.9 | 6.6 | 61.9 | 3.0 | 337. |
| 4.9 | 19.7 | 1536.9 | 850.0 | 11.9 | 4.8 | 202.2 | 10.1 | 3.0 | 9.3 | 298.6 | 316.1 | 6.4 | 62.1 | 3.5 | 343. |
| 5.7 | 22.1 | 1786.2 | 825.0 | 9.7 | 6.2 | 214.2 | 9.8 | 5.5 | 8.1 | 298.9 | 318.5 | 7.2 | 78.4 | 3.9 | 348. |
| 6.7 | 24.5 | 2041.7 | 800.0 | 8.1 | 5.4 | 223.0 | 8.9 | 7.1 | 5.3 | 299.8 | 319.2 | 7.1 | 83.3 | 4.2 | 354. |
| 7.7 | 26.8 | 2303.6 | 775.0 | 7.2 | 5.6 | 232.5 | 7.6 | 6.8 | 3.5 | 301.5 | 321.9 | 7.4 | 89.7 | 4.4 | 0. |
| 8.7 | 29.2 | 2573.6 | 750.0 | 6.0 | 4.4 | 250.4 | 6.7 | 6.3 | 2.3 | 303.1 | 322.7 | 7.0 | 89.6 | 4.6 | 5. |
| 9.7 | 31.7 | 2851.1 | 725.0 | 4.1 | 2.7 | 251.7 | 6.3 | 6.0 | 2.0 | 303.9 | 322.0 | 6.4 | 90.7 | 4.8 | 9. |
| 10.7 | 34.2 | 3135.9 | 700.0 | 2.1 | 0.6 | 256.7 | 4.6 | 6.6 | 0.4 | 304.8 | 321.0 | 5.7 | 89.7 | 5.0 | 13. |
| 11.9 | 36.4 | 3429.1 | 675.0 | 0.3 | -2.0 | 273.6 | 7.4 | 7.4 | -0.5 | 306.0 | 320.1 | 4.9 | 84.5 | 5.0 | 19. |
| 12.9 | 39.3 | 3731.1 | 650.0 | -2.0 | -2.7 | 270.2 | 9.1 | 9.1 | -0.0 | 306.7 | 320.7 | 4.8 | 94.7 | 5.2 | 24. |
| 13.9 | 42.0 | 4041.9 | 625.0 | -4.5 | -4.9 | 280.1 | 9.5 | 9.4 | -1.7 | 307.3 | 319.7 | 4.3 | 97.2 | 5.5 | 30. |
| 14.9 | 44.6 | 4362.8 | 600.0 | -6.5 | -6.9 | 299.7 | 9.7 | 8.4 | -4.8 | 308.6 | 319.9 | 3.8 | 96.9 | 5.6 | 35. |
| 15.9 | 47.3 | 4694.3 | 575.0 | -9.6 | -10.6 | 320.4 | 10.8 | 6.9 | -8.3 | 309.7 | 317.6 | 3.0 | 92.9 | 5.6 | 41. |
| 17.2 | 50.1 | 5034.5 | 550.0 | -13.7 | -13.7 | 324.5 | 9.2 | 5.3 | -7.5 | 307.9 | 308.0 | 0.0 | 1.0 | 5.4 | 50. |
| 18.5 | 53.0 | 5387.8 | 525.0 | -13.8 | -15.7 | 321.8 | 7.0 | 4.4 | -5.5 | 311.0 | 311.9 | 0.0 | 1.0 | 5.4 | 57. |
| 19.8 | 56.0 | 5758.0 | 500.0 | -14.6 | -19.3 | 307.0 | 6.3 | 5.0 | -3.8 | 315.2 | 315.5 | 0.1 | 3.4 | 5.5 | 62. |
| 21.2 | 59.0 | 6144.4 | 475.0 | -17.3 | -25.9 | 299.8 | 6.4 | 5.5 | -3.2 | 316.6 | 316.8 | 0.0 | 1.9 | 5.8 | 66. |
| 22.4 | 62.0 | 6547.8 | 450.0 | -19.6 | -28.4 | 296.3 | 5.7 | 5.1 | -2.5 | 318.6 | 318.7 | 0.0 | 1.0 | 6.1 | 70. |
| 24.1 | 65.1 | 6969.9 | 425.0 | -22.4 | -33.0 | 285.2 | 6.2 | 6.0 | -1.6 | 320.3 | 321.0 | 0.2 | 13.4 | 6.5 | 73. |
| 25.7 | 68.4 | 7411.7 | 400.0 | -26.3 | -36.5 | 270.7 | 8.9 | 8.9 | -0.1 | 320.9 | 322.3 | 0.4 | 37.9 | 7.2 | 75. |
| 27.3 | 71.9 | 7875.2 | 375.0 | -29.9 | -37.6 | 277.6 | 9.2 | 9.1 | -1.2 | 322.0 | 323.3 | 0.4 | 45.7 | 8.1 | 77. |
| 29.1 | 75.3 | 8362.6 | 350.0 | -34.3 | -41.8 | 281.4 | 10.6 | 10.4 | -2.1 | 322.6 | 323.6 | 0.3 | 48.0 | 9.0 | 80. |
| 31.2 | 78.9 | 8875.9 | 325.0 | -39.1 | -49.9 | 280.0 | 11.8 | 11.6 | -2.1 | 322.8 | 323.6 | 0.9 | 99.9 | 10.3 | 82. |
| 33.3 | 82.7 | 9419.5 | 300.0 | -43.2 | -59.9 | 286.9 | 15.3 | 14.6 | -4.4 | 324.5 | 324.5 | 99.9 | 99.9 | 11.9 | 85. |
| 35.6 | 86.7 | 10000.1 | 275.0 | -47.4 | -67.4 | 297.0 | 18.0 | 18.0 | -8.1 | 325.6 | 325.6 | 99.9 | 99.9 | 15.0 | 90. |
| 38.0 | 90.8 | 10622.6 | 250.0 | -52.5 | -72.5 | 302.1 | 18.3 | 15.5 | -9.7 | 328.0 | 328.0 | 99.9 | 99.9 | 18.3 | 94. |
| 42.6 | 95.3 | 11296.0 | 225.0 | -57.0 | -77.0 | 309.4 | 18.9 | 16.3 | -9.6 | 329.9 | 329.9 | 99.9 | 99.9 | 18.9 | 98. |
| 47.4 | 100.0 | 12028.8 | 200.0 | -63.0 | -83.0 | 299.7 | 19.3 | 16.7 | -9.5 | 332.0 | 332.0 | 99.9 | 99.9 | 22.1 | 102. |
| 48.2 | 103.9 | 12843.8 | 175.0 | -66.5 | -86.5 | 305.3 | 17.2 | 14.0 | -9.9 | 340.2 | 340.2 | 99.9 | 99.9 | 25.9 | 106. |
| 49.2 | 110.8 | 13771.1 | 150.0 | -67.0 | -87.0 | 315.8 | 17.3 | 12.1 | -12.4 | 350.7 | 350.7 | 99.9 | 99.9 | 27.8 | 107. |
| 53.4 | 116.8 | 14984.0 | 125.0 | -63.2 | -83.2 | 330.0 | 14.9 | 7.5 | -12.9 | 380.5 | 380.5 | 99.9 | 99.9 | 31.1 | 111. |
| 58.4 | 124.0 | 16252.3 | 100.0 | -64.6 | -84.6 | 335.8 | 10.7 | 4.4 | -9.7 | 402.9 | 402.9 | 99.9 | 99.9 | 33.8 | 115. |
| 64.4 | 132.0 | 18024.3 | 75.0 | -61.5 | -81.5 | 350.8 | 7.9 | 1.3 | -7.8 | 444.0 | 444.0 | 99.9 | 99.9 | 36.5 | 119. |
| 73.3 | 142.3 | 20346.7 | 50.0 | -59.7 | -79.7 | 329.5 | 4.6 | 2.3 | -4.0 | 503.0 | 503.0 | 99.9 | 99.9 | 39.1 | 123. |
| 87.7 | 154.5 | 24984.9 | 25.0 | -49.1 | -69.1 | 245.6 | 9.0 | 9.0 | 1.0 | 643.6 | 643.6 | 99.9 | 99.9 | 42.8 | 122. |

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 532
 PEORIA, ILLINOIS

 20 APRIL 1979
 805 GMT

150 20. 0

| TIME MIN | CNCT | HEIGHT GPM | PRES IN | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DEG K | E POT T DEG K | MR RTO GM/KG | MR PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|-----------------|-----------|-------------|-----------|
| 0.0 | 6.6 | 200.0 | 995.8 | 13.3 | 7.7 | 140.0 | 5.1 | -3.3 | 3.9 | 286.8 | 300.1 | 6.7 | 69.0 | 0.0 | 0. |
| 90.9 | 6.5 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | -5.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.7 | 6.5 | 376.4 | 975.0 | 14.9 | 2.1 | 161.1 | 15.5 | -5.0 | 14.7 | 290.1 | 302.5 | 4.6 | 42.5 | 0.4 | 335. |
| 1.6 | 10.6 | 998.4 | 973.0 | 15.3 | 3.4 | 174.8 | 14.7 | -1.3 | 14.6 | 292.7 | 304.6 | 5.1 | 46.9 | 1.1 | 340. |
| 7.3 | 12.4 | 424.1 | 925.0 | 15.3 | 1.0 | 193.6 | 13.2 | 3.1 | 12.8 | 295.0 | 307.2 | 4.5 | 37.8 | 1.3 | 351. |
| 3.2 | 15.1 | 1056.0 | 900.0 | 14.6 | 6.7 | 204.6 | 14.1 | 5.9 | 12.8 | 295.9 | 314.5 | 6.9 | 61.5 | 2.4 | 359. |
| 4.2 | 17.3 | 1203.4 | 875.0 | 12.9 | 6.5 | 211.5 | 12.7 | 6.6 | 10.8 | 297.2 | 316.2 | 7.0 | 65.1 | 3.2 | 7. |
| 5.0 | 19.6 | 1537.1 | 850.0 | 11.8 | 5.6 | 217.7 | 10.7 | 6.6 | 8.5 | 298.6 | 317.2 | 6.8 | 66.3 | 3.7 | 11. |
| 4.0 | 21.9 | 1794.6 | 825.0 | 10.3 | 5.9 | 238.4 | 10.1 | 8.6 | 5.3 | 299.5 | 318.7 | 7.0 | 73.4 | 4.1 | 15. |
| 6.9 | 24.2 | 2042.4 | 800.0 | 8.6 | 7.2 | 251.0 | 10.5 | 9.9 | 3.4 | 300.3 | 322.2 | 8.0 | 90.7 | 4.5 | 21. |
| 7.7 | 26.5 | 2304.9 | 775.0 | 6.6 | 6.1 | 263.7 | 8.9 | 8.8 | 1.9 | 301.0 | 324.0 | 7.7 | 96.2 | 4.8 | 26. |
| 9.7 | 29.2 | 2573.6 | 750.0 | 4.5 | 3.9 | 265.6 | 8.1 | 8.0 | 0.6 | 301.5 | 320.2 | 6.1 | 95.6 | 5.1 | 31. |
| 11.1 | 31.4 | 2869.7 | 725.0 | 2.7 | 2.0 | 269.6 | 6.9 | 6.9 | 0.0 | 302.4 | 316.5 | 5.1 | 95.6 | 5.4 | 35. |
| 12.3 | 33.9 | 3133.1 | 700.0 | 0.6 | 0.1 | 270.6 | 4.9 | 4.9 | -0.0 | 303.2 | 316.7 | 5.0 | 96.0 | 5.6 | 39. |
| 13.3 | 36.9 | 3424.7 | 675.0 | -1.1 | -1.6 | 269.4 | 3.3 | 3.3 | 0.0 | 304.5 | 316.7 | 4.3 | 96.9 | 5.9 | 42. |
| 14.4 | 41.6 | 4035.9 | 625.0 | -3.2 | -4.9 | 255.1 | 1.7 | 1.7 | 0.4 | 306.5 | 317.9 | 3.9 | 94.7 | 6.0 | 42. |
| 15.5 | 44.1 | 4355.0 | 600.0 | -5.7 | -8.9 | 272.7 | 2.5 | 2.5 | -0.1 | 308.3 | 318.0 | 3.3 | 86.6 | 6.1 | 45. |
| 16.9 | 46.9 | 4686.4 | 575.0 | -8.9 | -11.2 | 285.8 | 3.0 | 2.9 | -0.8 | 309.7 | 318.2 | 2.8 | 82.2 | 6.2 | 45. |
| 17.9 | 49.7 | 5029.9 | 550.0 | -9.9 | -12.3 | 267.9 | 5.4 | 5.4 | 0.2 | 312.4 | 312.7 | 0.1 | 2.9 | 6.4 | 46. |
| 19.3 | 52.4 | 5387.4 | 525.0 | -12.3 | -14.7 | 268.9 | 5.5 | 5.5 | 0.1 | 313.7 | 314.1 | 0.1 | 4.6 | 6.6 | 48. |
| 20.2 | 55.3 | 5756.5 | 500.0 | -14.6 | -16.3 | 266.1 | 6.5 | 6.5 | 0.4 | 315.3 | 319.0 | 1.1 | 46.6 | 7.0 | 51. |
| 21.6 | 59.4 | 6145.1 | 475.0 | -17.3 | -19.3 | 269.3 | 6.3 | 6.3 | 0.1 | 316.5 | 321.3 | 1.5 | 71.5 | 7.4 | 53. |
| 23.0 | 61.4 | 6549.2 | 450.0 | -19.7 | -21.6 | 273.9 | 4.6 | 4.6 | -0.3 | 318.5 | 321.4 | 0.9 | 48.1 | 7.6 | 55. |
| 24.4 | 64.5 | 6970.9 | 425.0 | -23.2 | -25.3 | 260.8 | 6.2 | 6.1 | 1.0 | 319.3 | 323.0 | 1.1 | 82.6 | 8.1 | 57. |
| 25.9 | 67.6 | 7412.0 | 400.0 | -26.4 | -28.1 | 252.5 | 9.2 | 8.6 | 2.8 | 320.7 | 322.6 | 0.5 | 48.2 | 8.6 | 58. |
| 27.5 | 71.1 | 7976.6 | 375.0 | -30.3 | -35.1 | 254.4 | 13.4 | 12.9 | 3.6 | 321.5 | 323.3 | 0.5 | 62.6 | 9.6 | 60. |
| 29.3 | 74.6 | 8342.2 | 350.0 | -33.9 | -40.0 | 267.3 | 15.5 | 15.5 | 0.7 | 323.1 | 324.2 | 0.3 | 53.8 | 11.4 | 63. |
| 31.1 | 78.2 | 8977.2 | 325.0 | -37.6 | -46.4 | 284.6 | 15.6 | 15.1 | -3.9 | 325.9 | 325.6 | 0.2 | 38.7 | 12.0 | 67. |
| 33.1 | 82.0 | 9423.4 | 300.0 | -42.4 | -50.9 | 294.9 | 16.1 | 14.6 | -6.8 | 325.7 | 326.9 | 0.9 | 99.9 | 14.2 | 72. |
| 35.0 | 86.0 | 10005.8 | 275.0 | -46.9 | -54.9 | 305.6 | 16.7 | 13.6 | -9.7 | 327.6 | 327.6 | 0.9 | 99.9 | 15.5 | 74. |
| 37.0 | 90.2 | 10629.5 | 250.0 | -52.8 | -58.5 | 307.7 | 15.9 | 12.6 | -9.7 | 328.9 | 328.9 | 0.9 | 99.9 | 16.9 | 82. |
| 39.3 | 94.6 | 11300.6 | 225.0 | -58.5 | -63.7 | 313.7 | 16.4 | 11.9 | -11.3 | 328.9 | 328.9 | 0.9 | 99.9 | 18.4 | 87. |
| 41.6 | 99.2 | 12231.5 | 200.0 | -63.7 | -67.5 | 322.2 | 18.4 | 11.2 | -14.5 | 331.9 | 329.9 | 0.9 | 99.9 | 20.0 | 93. |
| 44.1 | 104.3 | 12941.3 | 175.0 | -67.5 | -69.9 | 326.3 | 14.5 | 8.0 | -12.1 | 336.6 | 329.9 | 0.9 | 99.9 | 21.6 | 98. |
| 47.2 | 110.3 | 13703.3 | 150.0 | -59.9 | -69.9 | 297.6 | 17.6 | 16.5 | -6.6 | 336.0 | 329.9 | 0.9 | 99.9 | 24.0 | 101. |
| 50.7 | 116.3 | 14909.1 | 125.0 | -65.0 | -69.9 | 316.7 | 17.4 | 11.9 | -12.7 | 377.3 | 329.9 | 0.9 | 99.9 | 27.7 | 105. |
| 54.9 | 123.5 | 16264.4 | 100.0 | -65.4 | -69.9 | 330.2 | 12.7 | 6.3 | -11.0 | 401.4 | 329.9 | 0.9 | 99.9 | 30.6 | 108. |
| 60.3 | 131.5 | 18020.2 | 75.0 | -63.3 | -69.9 | 336.5 | 8.3 | 3.3 | -7.6 | 440.2 | 329.9 | 0.9 | 99.9 | 33.3 | 113. |
| 67.9 | 141.3 | 20519.2 | 50.0 | -59.5 | -69.9 | 344.8 | 6.3 | 1.7 | -11.0 | 503.3 | 329.9 | 0.9 | 99.9 | 34.8 | 118. |
| 80.0 | 152.5 | 24902.6 | 25.0 | -50.7 | -69.9 | 275.2 | 6.2 | 6.2 | -0.6 | 639.2 | 329.9 | 0.9 | 99.9 | 39.0 | 120. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 532
TEORIA, ILLINOIS

20 APRIL 1979
1100 GMT

145 29. 0

| TIME MIN | CNCT | HEIGHT GPH | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | WX RTO CM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.3 | 5.6 | 200.0 | 999.8 | 12.2 | 8.3 | 120.0 | 4.1 | -3.6 | 2.0 | 285.7 | 303.6 | 6.9 | 77.0 | 0.0 | 0. |
| 0.3 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.4 | 6.3 | 377.3 | 975.0 | 12.7 | 6.1 | 155.7 | 15.7 | -6.5 | 14.3 | 287.9 | 303.9 | 6.1 | 64.3 | 0.3 | 321. |
| 1.4 | 10.5 | 596.3 | 950.0 | 14.3 | 3.7 | 173.5 | 16.1 | -1.8 | 16.0 | 291.7 | 305.9 | 5.3 | 48.8 | 1.1 | 336. |
| 2.2 | 12.6 | 821.7 | 925.0 | 14.6 | 6.8 | 194.1 | 15.9 | 3.9 | 15.4 | 296.4 | 312.7 | 6.8 | 59.3 | 1.8 | 347. |
| 3.3 | 14.8 | 1053.9 | 900.0 | 15.2 | 8.5 | 221.9 | 13.8 | 9.2 | 10.3 | 297.2 | 318.3 | 7.8 | 64.3 | 2.4 | 360. |
| 3.3 | 17.0 | 1292.7 | 875.0 | 14.3 | 9.4 | 236.0 | 13.1 | 10.9 | 7.3 | 298.7 | 321.6 | 8.5 | 72.2 | 2.9 | 11. |
| 4.7 | 19.3 | 1537.5 | 850.0 | 12.6 | 9.5 | 242.9 | 11.4 | 10.1 | 5.2 | 299.3 | 323.1 | 8.8 | 81.5 | 3.3 | 19. |
| 5.5 | 21.5 | 1737.8 | 825.0 | 10.6 | 8.5 | 244.3 | 10.1 | 9.1 | 4.4 | 299.8 | 323.8 | 8.5 | 87.0 | 3.7 | 25. |
| 6.4 | 23.9 | 2043.7 | 800.0 | 8.5 | 7.6 | 244.6 | 8.1 | 7.1 | 3.5 | 300.2 | 323.6 | 8.2 | 94.4 | 4.2 | 30. |
| 7.4 | 26.2 | 2306.0 | 775.0 | 6.6 | 5.9 | 256.7 | 5.7 | 5.6 | 1.3 | 300.9 | 321.6 | 7.5 | 95.0 | 4.4 | 33. |
| 9.3 | 28.5 | 2575.0 | 750.0 | 4.7 | 3.9 | 269.1 | 4.7 | 4.7 | 0.1 | 301.7 | 320.5 | 6.8 | 94.1 | 4.6 | 35. |
| 9.4 | 30.9 | 2851.2 | 725.0 | 3.2 | 2.1 | 255.7 | 5.6 | 5.5 | 1.4 | 303.0 | 320.2 | 6.2 | 92.4 | 4.8 | 38. |
| 10.3 | 33.4 | 3135.7 | 700.0 | 1.9 | -0.2 | 251.3 | 5.1 | 4.9 | 1.6 | 304.6 | 319.9 | 5.4 | 85.9 | 5.1 | 40. |
| 11.5 | 35.9 | 3428.2 | 675.0 | -0.7 | -1.4 | 250.3 | 4.5 | 4.2 | 1.5 | 305.9 | 319.5 | 5.1 | 94.5 | 5.3 | 42. |
| 12.5 | 38.4 | 3729.2 | 650.0 | -2.6 | -5.3 | 226.4 | 4.7 | 3.4 | 1.2 | 305.8 | 317.3 | 4.0 | 82.7 | 5.6 | 43. |
| 13.3 | 40.9 | 4039.2 | 625.0 | -4.7 | -8.8 | 216.2 | 4.5 | 2.7 | 3.7 | 307.0 | 316.4 | 3.2 | 73.2 | 6.0 | 42. |
| 14.3 | 43.6 | 4359.7 | 600.0 | -6.9 | -8.3 | 220.2 | 4.1 | 2.6 | 3.0 | 308.2 | 318.3 | 3.4 | 89.5 | 6.2 | 42. |
| 15.3 | 46.2 | 4690.6 | 575.0 | -9.2 | -27.9 | 229.3 | 4.6 | 3.5 | 3.1 | 309.3 | 312.6 | 1.1 | 1.0 | 6.5 | 42. |
| 16.7 | 51.5 | 5192.4 | 525.0 | -11.8 | -26.3 | 252.7 | 5.6 | 5.4 | 1.7 | 314.3 | 318.8 | 1.4 | 49.1 | 7.3 | 45. |
| 20.3 | 54.7 | 5764.2 | 500.0 | -14.6 | -17.9 | 270.2 | 6.1 | 6.1 | -0.0 | 315.2 | 321.1 | 1.9 | 76.0 | 7.7 | 47. |
| 21.3 | 57.6 | 6151.2 | 475.0 | -16.7 | -23.5 | 307.1 | 7.6 | 7.2 | -4.6 | 317.3 | 321.2 | 1.2 | 55.5 | 7.9 | 50. |
| 22.3 | 60.5 | 6556.2 | 450.0 | -18.8 | -28.4 | 313.3 | 9.9 | 11.8 | -6.8 | 319.6 | 322.4 | 0.8 | 42.3 | 8.0 | 56. |
| 24.5 | 63.4 | 6979.3 | 425.0 | -22.2 | -31.8 | 305.9 | 10.9 | 10.3 | -6.4 | 320.5 | 323.6 | 0.6 | 41.5 | 8.3 | 62. |
| 26.3 | 67.0 | 7421.5 | 400.0 | -26.0 | -35.6 | 302.2 | 12.1 | 10.5 | -5.5 | 321.3 | 323.8 | 0.7 | 63.7 | 8.9 | 68. |
| 27.7 | 70.3 | 7886.2 | 375.0 | -29.1 | -42.9 | 294.8 | 13.0 | 11.7 | -5.0 | 323.1 | 324.8 | 0.5 | 53.0 | 9.8 | 74. |
| 29.5 | 73.7 | 8375.7 | 350.0 | -32.8 | -45.3 | 295.6 | 11.7 | 10.5 | -7.3 | 324.5 | 325.4 | 0.2 | 35.5 | 10.9 | 79. |
| 31.4 | 77.3 | 8893.3 | 325.0 | -36.7 | -48.5 | 304.3 | 13.0 | 10.7 | -10.2 | 326.2 | 326.2 | 0.0 | 3.5 | 11.9 | 83. |
| 33.3 | 81.0 | 9343.3 | 300.0 | -40.5 | -51.4 | 314.1 | 14.7 | 10.6 | -10.3 | 328.3 | 328.3 | 99.9 | 99.9 | 13.0 | 88. |
| 35.4 | 85.0 | 10329.1 | 275.0 | -46.0 | -57.3 | 315.4 | 14.4 | 10.1 | -8.7 | 329.6 | 329.6 | 99.9 | 99.9 | 15.8 | 98. |
| 37.5 | 89.2 | 10656.0 | 250.0 | -51.4 | -62.4 | 311.3 | 12.3 | 9.2 | -8.1 | 330.7 | 330.7 | 99.9 | 99.9 | 17.2 | 101. |
| 42.4 | 93.5 | 11331.5 | 225.0 | -57.3 | -65.6 | 308.1 | 11.4 | 7.8 | -7.1 | 333.9 | 333.9 | 99.9 | 99.9 | 18.8 | 104. |
| 44.3 | 103.3 | 12981.7 | 175.0 | -65.6 | -69.9 | 288.1 | 10.3 | 10.6 | -3.5 | 330.0 | 330.0 | 99.9 | 99.9 | 20.0 | 105. |
| 48.2 | 109.9 | 13914.1 | 150.0 | -69.4 | -74.4 | 266.5 | 18.1 | 16.2 | -13.0 | 357.4 | 357.4 | 99.9 | 99.9 | 23.2 | 109. |
| 51.7 | 115.3 | 14933.4 | 125.0 | -64.2 | -69.9 | 337.7 | 14.0 | 5.3 | -7.3 | 370.8 | 370.8 | 99.9 | 99.9 | 25.7 | 109. |
| 56.3 | 122.3 | 16304.8 | 100.0 | -62.4 | -69.9 | 319.0 | 9.6 | 6.3 | -13.5 | 407.2 | 407.2 | 99.9 | 99.9 | 28.1 | 113. |
| 61.3 | 130.5 | 19076.4 | 75.0 | -62.4 | -69.9 | 346.9 | 15.2 | 6.9 | -6.8 | 442.5 | 442.5 | 99.9 | 99.9 | 30.7 | 116. |
| 68.8 | 140.5 | 20601.6 | 50.0 | -57.2 | -69.9 | 346.9 | 7.0 | 1.6 | -6.8 | 488.6 | 488.6 | 99.9 | 99.9 | 32.8 | 121. |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 553
OMAHA, NEBRASKA19 APRIL 1978
1100 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT Y DG K | MX RTO GM/KG | RM PCY | RANGE KM | WZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 9.5 | 400.0 | 967.4 | 14.6 | 12.1 | 150.0 | 5.1 | -2.6 | 4.4 | 290.5 | 314.5 | 9.2 | 85.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 97.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.3 | 11.1 | 553.8 | 950.0 | 14.1 | 12.6 | 173.6 | 13.4 | -1.5 | 13.3 | 291.6 | 316.8 | 9.7 | 99.9 | 0.4 | 336. |
| 1.2 | 13.4 | 778.7 | 925.0 | 12.2 | 11.6 | 190.1 | 15.0 | 0.0 | 15.0 | 291.6 | 316.2 | 9.4 | 98.1 | 1.0 | 346. |
| 2.0 | 15.8 | 1008.7 | 900.0 | 12.2 | 11.5 | 198.0 | 18.5 | 5.7 | 17.6 | 294.0 | 319.2 | 9.6 | 95.9 | 1.0 | 356. |
| 2.9 | 15.2 | 1246.6 | 875.0 | 13.9 | 13.3 | 207.7 | 19.9 | 9.2 | 17.6 | 298.2 | 327.6 | 11.0 | 95.2 | 2.7 | 7. |
| 3.6 | 20.6 | 1490.7 | 850.0 | 11.4 | 10.2 | 211.4 | 19.1 | 8.7 | 17.0 | 298.1 | 327.6 | 9.3 | 95.2 | 3.6 | 12. |
| 4.4 | 23.0 | 1740.5 | 825.0 | 10.8 | 10.2 | 211.4 | 19.4 | 10.1 | 16.6 | 300.1 | 325.8 | 9.5 | 95.5 | 4.6 | 16. |
| 5.4 | 25.5 | 1997.3 | 800.0 | 9.0 | 8.2 | 217.8 | 17.3 | 10.6 | 13.6 | 300.8 | 324.1 | 9.6 | 94.2 | 5.6 | 19. |
| 6.4 | 29.0 | 2260.3 | 775.0 | 7.4 | 6.4 | 226.4 | 14.4 | 10.4 | 9.9 | 301.8 | 323.3 | 7.8 | 93.0 | 6.5 | 22. |
| 7.5 | 30.6 | 2530.7 | 750.0 | 6.3 | 4.3 | 225.7 | 13.9 | 9.9 | 9.7 | 303.4 | 322.9 | 7.0 | 87.5 | 7.2 | 25. |
| 8.4 | 33.2 | 2799.2 | 725.0 | 3.9 | 2.8 | 229.3 | 12.4 | 9.4 | 8.1 | 303.7 | 321.9 | 6.5 | 92.6 | 7.9 | 27. |
| 9.3 | 35.8 | 3093.1 | 700.0 | 3.5 | -4.6 | 240.5 | 10.6 | 9.2 | 5.2 | 306.4 | 317.7 | 3.9 | 55.9 | 8.5 | 29. |
| 10.4 | 39.4 | 3398.7 | 675.0 | 3.6 | -29.5 | 246.2 | 10.2 | 9.3 | 4.1 | 309.7 | 311.4 | 0.5 | 6.7 | 8.9 | 31. |
| 11.4 | 41.1 | 3693.2 | 650.0 | 0.9 | -31.7 | 246.3 | 11.6 | 10.8 | 4.7 | 310.0 | 311.4 | 0.2 | 6.5 | 9.5 | 34. |
| 12.6 | 43.9 | 4066.7 | 625.0 | -1.4 | -38.8 | 247.2 | 11.6 | 10.7 | 4.5 | 310.8 | 311.4 | 0.2 | 4.1 | 10.2 | 36. |
| 13.7 | 46.8 | 4330.2 | 600.0 | -3.6 | -31.9 | 240.7 | 9.9 | 8.7 | 4.9 | 312.0 | 314.0 | 0.6 | 12.2 | 10.9 | 38. |
| 14.9 | 49.4 | 4664.7 | 575.0 | -6.6 | -23.5 | 241.0 | 7.6 | 6.6 | 3.7 | 312.2 | 315.5 | 1.0 | 25.8 | 11.4 | 39. |
| 16.1 | 52.6 | 5009.7 | 550.0 | -9.8 | -23.2 | 243.5 | 6.3 | 5.6 | 2.8 | 312.5 | 315.9 | 1.1 | 32.2 | 11.9 | 40. |
| 17.5 | 55.4 | 5367.0 | 525.0 | -11.6 | -50.2 | 249.9 | 7.0 | 6.0 | 3.6 | 314.5 | 314.9 | 0.1 | 3.9 | 12.4 | 41. |
| 18.4 | 58.8 | 5739.7 | 500.0 | -13.5 | -58.5 | 243.5 | 8.3 | 7.4 | 3.7 | 316.6 | 316.7 | 0.0 | 1.0 | 13.0 | 42. |
| 20.1 | 62.0 | 6127.3 | 475.0 | -16.8 | -60.6 | 246.0 | 6.1 | 5.6 | 2.5 | 317.2 | 317.3 | 0.0 | 1.0 | 13.5 | 43. |
| 21.4 | 65.3 | 6531.3 | 450.0 | -20.0 | -62.6 | 247.6 | 5.8 | 5.4 | 2.2 | 318.2 | 318.2 | 0.0 | 1.0 | 13.9 | 44. |
| 22.6 | 68.6 | 6952.7 | 425.0 | -23.2 | -64.8 | 245.7 | 5.9 | 5.4 | 2.4 | 319.2 | 319.3 | 0.0 | 1.0 | 14.3 | 44. |
| 24.2 | 72.1 | 7393.8 | 400.0 | -26.2 | -66.7 | 240.3 | 5.9 | 4.6 | 3.8 | 321.0 | 321.0 | 0.0 | 1.0 | 14.8 | 45. |
| 25.7 | 75.7 | 7857.3 | 375.0 | -30.0 | -60.1 | 232.7 | 5.3 | 4.2 | 3.2 | 321.6 | 322.0 | 0.0 | 4.3 | 15.3 | 45. |
| 27.4 | 79.4 | 8344.1 | 350.0 | -34.5 | -65.8 | 222.6 | 6.0 | 4.1 | 4.4 | 322.3 | 322.9 | 0.2 | 30.6 | 15.9 | 45. |
| 29.1 | 83.3 | 8857.6 | 325.0 | -38.8 | 99.9 | 225.3 | 7.9 | 5.6 | 5.6 | 323.3 | 323.3 | 99.9 | 99.9 | 16.6 | 45. |
| 31.0 | 87.4 | 9401.8 | 300.0 | -43.4 | 99.9 | 220.5 | 7.1 | 4.6 | 5.4 | 324.3 | 324.3 | 99.9 | 99.9 | 17.5 | 45. |
| 33.1 | 91.7 | 9981.1 | 275.0 | -49.0 | 99.9 | 215.0 | 8.4 | 4.8 | 6.9 | 325.7 | 325.7 | 99.9 | 99.9 | 18.5 | 45. |
| 35.4 | 96.2 | 10601.1 | 250.0 | -53.5 | 99.9 | 209.3 | 9.0 | 6.8 | 5.9 | 326.5 | 326.5 | 99.9 | 99.9 | 19.6 | 44. |
| 37.7 | 100.8 | 11273.1 | 225.0 | -57.4 | 99.9 | 209.5 | 11.3 | 10.6 | 4.0 | 330.5 | 330.5 | 99.9 | 99.9 | 20.9 | 45. |
| 40.3 | 106.0 | 12008.0 | 200.0 | -62.9 | 99.9 | 200.4 | 10.5 | 10.4 | 1.8 | 333.2 | 333.2 | 99.9 | 99.9 | 22.4 | 48. |
| 42.7 | 111.4 | 12826.7 | 175.0 | -63.7 | 99.9 | 204.8 | 12.4 | 12.4 | 1.1 | 344.8 | 344.8 | 99.9 | 99.9 | 23.7 | 50. |
| 45.3 | 117.5 | 13771.6 | 150.0 | -61.9 | 99.9 | 211.2 | 12.3 | 12.3 | -0.3 | 363.4 | 363.4 | 99.9 | 99.9 | 25.7 | 53. |
| 49.7 | 124.3 | 14893.5 | 125.0 | -62.2 | 99.9 | 204.7 | 11.7 | 11.3 | -2.9 | 382.4 | 382.4 | 99.9 | 99.9 | 27.8 | 57. |
| 54.3 | 131.7 | 16273.2 | 100.0 | -61.5 | 99.9 | 305.9 | 11.0 | 6.9 | -0.4 | 408.9 | 408.9 | 99.9 | 99.9 | 29.5 | 63. |
| 60.1 | 140.3 | 18048.0 | 75.0 | -62.8 | 99.9 | 317.9 | 5.3 | 3.5 | -3.9 | 461.2 | 461.2 | 99.9 | 99.9 | 30.4 | 67. |
| 67.9 | 150.0 | 20574.8 | 50.0 | -59.4 | 99.9 | 328.1 | 6.0 | 3.4 | -5.0 | 503.6 | 503.6 | 99.9 | 99.9 | 30.9 | 72. |
| 79.9 | 161.0 | 25013.0 | 25.0 | -49.7 | 99.9 | 322.2 | 5.4 | 3.3 | -4.3 | 641.8 | 641.8 | 99.9 | 99.9 | 32.6 | 79. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 553
OMAHA, NEBRASKA

19 APRIL 1979

161 20. 0

| TIME MIN | CNCT | WEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | W ATO CM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|----------------|-----------|-------------|----------|
| 0.0 | 9.0 | 400.0 | 967.4 | 15.4 | 12.5 | 120.0 | 6.7 | -5.8 | 3.3 | 291.3 | 316.0 | 9.5 | 83.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999. |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999. |
| 0.5 | 10.4 | 554.1 | 950.0 | 14.4 | 12.1 | 167.0 | 15.7 | -3.5 | 15.3 | 291.6 | 316.4 | 9.4 | 85.1 | 0.3 | 325. |
| 1.4 | 12.5 | 779.4 | 925.0 | 12.7 | 11.4 | 186.7 | 17.1 | 2.0 | 17.0 | 292.4 | 316.4 | 9.2 | 91.3 | 1.1 | 351. |
| 2.4 | 14.6 | 1010.1 | 900.0 | 13.4 | 12.2 | 209.4 | 19.8 | 7.6 | 10.3 | 295.4 | 321.6 | 10.0 | 92.2 | 2.1 | 3. |
| 3.3 | 16.8 | 1248.3 | 875.0 | 13.4 | 12.2 | 209.4 | 21.8 | 10.7 | 19.0 | 297.7 | 325.0 | 10.3 | 92.4 | 3.2 | 12. |
| 4.2 | 18.9 | 1472.6 | 850.0 | 12.5 | 11.3 | 207.2 | 20.3 | 9.3 | 18.0 | 299.2 | 326.1 | 10.0 | 92.7 | 4.3 | 16. |
| 5.2 | 21.2 | 1743.3 | 825.0 | 11.1 | 9.6 | 204.7 | 17.6 | 7.4 | 16.0 | 300.4 | 325.1 | 9.1 | 90.1 | 5.4 | 18. |
| 6.2 | 23.5 | 2209.4 | 800.0 | 9.6 | 7.3 | 207.7 | 15.0 | 7.0 | 13.3 | 301.6 | 324.0 | 8.2 | 85.4 | 6.4 | 19. |
| 7.2 | 25.8 | 2763.9 | 775.0 | 8.2 | 5.9 | 205.7 | 13.2 | 5.7 | 11.9 | 302.6 | 323.4 | 7.5 | 83.4 | 7.2 | 20. |
| 8.2 | 28.2 | 3314.6 | 750.0 | 6.9 | 2.3 | 210.7 | 12.3 | 6.3 | 10.6 | 304.1 | 321.0 | 6.0 | 78.4 | 7.9 | 21. |
| 9.1 | 30.6 | 3812.8 | 725.0 | 4.9 | 1.5 | 219.0 | 11.9 | 7.5 | 9.3 | 304.8 | 321.5 | 5.9 | 76.6 | 8.6 | 22. |
| 10.1 | 33.1 | 4399.4 | 700.0 | 2.8 | 0.4 | 227.0 | 9.9 | 7.2 | 6.7 | 305.6 | 321.8 | 5.7 | 68.6 | 9.2 | 23. |
| 11.2 | 35.7 | 5103.6 | 675.0 | 2.8 | -8.3 | 228.8 | 8.9 | 6.7 | 5.9 | 308.8 | 317.9 | 5.0 | 43.9 | 9.7 | 25. |
| 12.2 | 38.2 | 5773.0 | 650.0 | 0.9 | -20.7 | 221.2 | 9.7 | 6.7 | 7.0 | 310.0 | 313.6 | 1.1 | 18.1 | 10.3 | 26. |
| 13.3 | 40.9 | 6311.4 | 625.0 | -2.1 | -33.2 | 221.8 | 9.9 | 6.6 | 7.5 | 310.1 | 314.6 | 1.4 | 27.7 | 10.9 | 27. |
| 14.4 | 43.7 | 6864.7 | 600.0 | -5.3 | -37.3 | 225.2 | 9.1 | 6.5 | 6.4 | 310.1 | 315.1 | 1.6 | 38.1 | 11.6 | 28. |
| 15.5 | 46.6 | 7434.4 | 575.0 | -9.2 | -53.1 | 232.2 | 8.2 | 6.5 | 5.1 | 313.1 | 313.3 | 0.0 | 1.0 | 12.3 | 29. |
| 16.6 | 49.4 | 8014.4 | 550.0 | -14.5 | -57.2 | 243.7 | 7.9 | 7.1 | 3.5 | 314.4 | 314.6 | 0.0 | 1.0 | 12.8 | 30. |
| 17.2 | 52.5 | 8575.2 | 525.0 | -21.5 | -59.6 | 244.4 | 8.0 | 7.9 | 3.8 | 316.6 | 315.7 | 0.0 | 1.0 | 13.3 | 32. |
| 19.4 | 55.5 | 9175.1 | 500.0 | -23.0 | -61.5 | 256.8 | 12.6 | 10.5 | 6.9 | 315.6 | 315.7 | 0.0 | 1.0 | 13.9 | 33. |
| 20.9 | 59.7 | 9732.2 | 475.0 | -16.8 | -60.6 | 229.7 | 11.4 | 8.7 | 7.3 | 317.2 | 317.3 | 0.0 | 1.0 | 14.8 | 35. |
| 22.1 | 62.3 | 10361.1 | 450.0 | -19.4 | -61.9 | 222.5 | 10.0 | 6.6 | 7.4 | 318.6 | 319.0 | 0.1 | 2.9 | 15.6 | 35. |
| 23.6 | 65.5 | 10994.3 | 425.0 | -23.0 | -63.5 | 219.7 | 10.3 | 6.6 | 7.4 | 319.5 | 319.6 | 0.0 | 1.6 | 16.5 | 35. |
| 25.4 | 69.1 | 11624.4 | 400.0 | -26.6 | -65.6 | 222.2 | 11.1 | 7.4 | 8.2 | 320.4 | 320.6 | 0.1 | 5.1 | 17.6 | 36. |
| 26.3 | 72.9 | 12262.4 | 375.0 | -30.1 | -67.3 | 221.8 | 13.3 | 8.9 | 9.9 | 321.8 | 322.0 | 0.1 | 6.5 | 18.7 | 36. |
| 28.7 | 76.8 | 12949.5 | 350.0 | -34.0 | -70.3 | 218.4 | 11.7 | 7.2 | 9.1 | 322.9 | 322.9 | 0.0 | 1.3 | 20.1 | 36. |
| 30.6 | 81.0 | 13644.1 | 325.0 | -38.0 | -65.7 | 216.7 | 12.3 | 7.3 | 9.8 | 325.3 | 326.4 | 0.0 | 3.6 | 21.4 | 36. |
| 32.3 | 85.3 | 14340.1 | 300.0 | -42.8 | -69.9 | 211.5 | 12.0 | 9.4 | 7.5 | 325.1 | 326.4 | 0.0 | 999.9 | 22.7 | 37. |
| 34.2 | 89.9 | 15041.4 | 275.0 | -47.2 | -74.9 | 203.3 | 10.7 | 9.5 | 4.8 | 326.9 | 326.9 | 0.0 | 999.9 | 23.9 | 38. |
| 36.5 | 94.8 | 15744.4 | 250.0 | -51.9 | -79.9 | 252.8 | 10.7 | 10.2 | 3.2 | 328.0 | 328.0 | 0.0 | 999.9 | 25.1 | 40. |
| 38.3 | 100.0 | 16449.5 | 225.0 | -56.6 | -84.9 | 252.1 | 9.2 | 8.7 | 2.6 | 331.6 | 331.6 | 0.0 | 999.9 | 26.2 | 41. |
| 41.3 | 105.8 | 17154.5 | 200.0 | -61.7 | -89.9 | 251.7 | 10.5 | 10.0 | 3.3 | 335.1 | 335.1 | 0.0 | 999.9 | 27.5 | 43. |
| 44.3 | 112.0 | 17864.5 | 175.0 | -65.0 | -94.9 | 269.6 | 11.9 | 11.9 | 0.1 | 342.7 | 342.7 | 0.0 | 999.9 | 29.2 | 43. |
| 47.1 | 118.8 | 18574.7 | 150.0 | -63.0 | -99.9 | 280.4 | 11.5 | 11.3 | -2.1 | 341.6 | 341.6 | 0.0 | 999.9 | 30.2 | 48. |
| 50.9 | 126.1 | 19284.7 | 125.0 | -62.1 | -99.9 | 294.8 | 11.2 | 10.1 | -4.7 | 348.6 | 348.6 | 0.0 | 999.9 | 32.2 | 51. |
| 55.5 | 135.0 | 20094.3 | 100.0 | -62.9 | -99.9 | 315.5 | 9.1 | 6.4 | -6.5 | 400.3 | 400.3 | 0.0 | 999.9 | 32.6 | 54. |
| 61.4 | 144.7 | 20904.3 | 75.0 | -57.0 | -99.9 | 335.5 | 9.9 | 9.9 | -9.9 | 440.2 | 440.2 | 0.0 | 999.9 | 33.3 | 60. |
| 69.0 | 153.3 | 21714.3 | 50.0 | -57.0 | -99.9 | 355.5 | 9.9 | 9.9 | -9.9 | 500.2 | 500.2 | 0.0 | 999.9 | 33.3 | 60. |
| 80.5 | 166.5 | 22524.3 | 25.0 | -50.7 | -99.9 | 375.5 | 9.9 | 9.9 | -9.9 | 600.1 | 600.1 | 0.0 | 999.9 | 33.3 | 60. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMD MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 553
OMAHA, NEBRASKA19 APRIL 1979
1705 GMT

| TIME MIN | CNCT | HEIGHT FPM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DEG K | E POT T DEG K | HK RTO GM/KG | RM PCV | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|-----------------|-----------|-------------|-----------|
| 0.0 | 9.8 | 400.0 | 966.3 | 17.2 | 13.1 | 140.0 | 5.1 | -3.3 | 3.9 | 293.2 | 319.1 | 9.9 | 77.0 | 0.0 | 0.0 |
| 00.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.4 | 11.3 | 51.5 | 950.0 | 16.3 | 12.2 | 162.1 | 13.9 | 0.5 | 13.9 | 293.0 | 319.6 | 9.9 | 79.0 | 0.4 | 331.0 |
| 1.2 | 13.6 | 72.6 | 925.0 | 14.0 | 12.2 | 176.4 | 17.4 | -1.1 | 17.4 | 293.6 | 319.2 | 9.8 | 89.4 | 1.2 | 346.0 |
| 2.1 | 15.9 | 100.2 | 900.0 | 13.0 | 11.8 | 184.6 | 21.3 | 1.7 | 21.2 | 290.9 | 320.6 | 9.7 | 92.4 | 2.0 | 352.0 |
| 2.9 | 18.4 | 124.3 | 875.0 | 14.3 | 13.1 | 205.0 | 20.5 | 6.7 | 18.6 | 290.6 | 327.8 | 11.0 | 93.0 | 3.1 | 0.0 |
| 3.8 | 20.7 | 148.6 | 850.0 | 13.3 | 12.3 | 213.9 | 19.3 | 10.8 | 16.0 | 300.1 | 328.7 | 10.6 | 93.2 | 4.1 | 9.0 |
| 4.7 | 23.2 | 171.3 | 825.0 | 12.2 | 11.1 | 216.7 | 14.9 | 8.9 | 11.9 | 301.5 | 329.1 | 10.2 | 93.1 | 4.9 | 13.0 |
| 5.8 | 25.6 | 196.3 | 800.0 | 10.9 | 9.8 | 211.9 | 15.4 | 8.1 | 13.1 | 302.7 | 327.0 | 9.6 | 93.3 | 5.7 | 17.0 |
| 6.4 | 28.2 | 221.0 | 775.0 | 9.2 | 7.5 | 206.0 | 17.1 | 7.5 | 15.4 | 303.7 | 327.0 | 8.4 | 89.1 | 6.7 | 18.0 |
| 7.8 | 30.8 | 253.8 | 750.0 | 7.8 | 5.8 | 211.4 | 16.7 | 8.7 | 14.2 | 305.0 | 325.6 | 7.4 | 82.7 | 7.8 | 20.0 |
| 8.7 | 33.3 | 281.2 | 725.0 | 6.5 | 3.5 | 223.5 | 15.2 | 10.5 | 11.0 | 306.6 | 324.8 | 6.4 | 78.8 | 8.6 | 21.0 |
| 9.7 | 36.0 | 310.8 | 700.0 | 6.8 | -26.0 | 238.5 | 15.1 | 12.9 | 7.9 | 310.0 | 312.2 | 0.6 | 7.4 | 9.4 | 24.0 |
| 10.9 | 38.7 | 339.0 | 675.0 | 4.4 | -18.6 | 244.9 | 14.2 | 12.8 | 6.0 | 310.5 | 314.7 | 1.3 | 19.9 | 10.1 | 27.0 |
| 11.5 | 41.4 | 370.5 | 650.0 | 1.4 | -15.1 | 242.1 | 15.0 | 13.2 | 7.0 | 310.5 | 316.2 | 1.8 | 28.8 | 10.9 | 30.0 |
| 12.9 | 44.1 | 401.7 | 625.0 | -1.1 | -15.7 | 246.9 | 14.3 | 13.1 | 5.6 | 311.2 | 318.8 | 1.0 | 31.0 | 11.7 | 33.0 |
| 14.1 | 47.2 | 431.5 | 600.0 | -3.9 | -13.2 | 254.9 | 11.7 | 11.3 | 3.1 | 311.6 | 318.7 | 2.3 | 48.2 | 12.5 | 36.0 |
| 15.3 | 50.0 | 4675.4 | 575.0 | -7.0 | -20.4 | 254.6 | 11.1 | 10.7 | 3.0 | 311.8 | 315.9 | 1.3 | 33.3 | 13.1 | 38.0 |
| 16.5 | 52.9 | 5021.8 | 550.0 | -8.0 | -35.0 | 252.0 | 10.8 | 10.3 | 3.2 | 314.7 | 314.8 | 0.0 | 1.0 | 13.7 | 40.0 |
| 17.9 | 56.0 | 5311.1 | 525.0 | -11.1 | -54.9 | 251.6 | 10.9 | 10.4 | 3.5 | 315.1 | 315.2 | 0.0 | 1.0 | 14.4 | 41.0 |
| 19.1 | 59.1 | 5733.7 | 500.0 | -14.0 | -58.8 | 247.5 | 13.3 | 12.3 | 5.1 | 315.9 | 316.0 | 0.0 | 1.0 | 15.2 | 43.0 |
| 20.3 | 62.3 | 6140.7 | 475.0 | -17.2 | -60.9 | 239.6 | 14.6 | 12.6 | 7.4 | 316.7 | 316.7 | 0.0 | 1.0 | 16.2 | 44.0 |
| 21.8 | 65.6 | 6544.2 | 450.0 | -19.5 | -62.3 | 233.3 | 14.1 | 11.3 | 8.4 | 321.6 | 318.8 | 0.0 | 1.0 | 17.4 | 45.0 |
| 23.4 | 69.0 | 6946.3 | 425.0 | -22.4 | -64.2 | 230.5 | 14.3 | 11.1 | 9.1 | 320.3 | 320.4 | 0.0 | 1.0 | 18.8 | 46.0 |
| 25.0 | 72.4 | 7408.6 | 400.0 | -25.7 | -66.4 | 229.6 | 14.5 | 11.0 | 9.4 | 321.6 | 321.6 | 0.0 | 1.0 | 20.1 | 46.0 |
| 26.6 | 76.1 | 7823.3 | 375.0 | -29.0 | -68.5 | 222.7 | 14.4 | 9.7 | 10.5 | 323.2 | 323.2 | 0.0 | 1.0 | 21.5 | 46.0 |
| 28.2 | 79.4 | 8442.6 | 350.0 | -32.9 | -71.1 | 225.2 | 13.2 | 9.4 | 9.3 | 324.4 | 324.4 | 0.0 | 1.0 | 22.9 | 46.0 |
| 30.0 | 83.7 | 8879.6 | 325.0 | -37.8 | -73.8 | 230.7 | 15.1 | 11.7 | 9.5 | 325.7 | 325.7 | 0.0 | 1.0 | 24.3 | 46.0 |
| 31.8 | 87.5 | 9427.6 | 300.0 | -41.5 | -76.9 | 231.6 | 16.2 | 12.7 | 10.1 | 326.9 | 326.9 | 99.9 | 99.9 | 25.0 | 46.0 |
| 33.5 | 92.0 | 10112.1 | 275.0 | -45.9 | -79.9 | 231.5 | 14.5 | 11.4 | 9.0 | 328.7 | 328.7 | 99.9 | 99.9 | 27.6 | 47.0 |
| 35.3 | 96.7 | 10639.2 | 250.0 | -51.2 | -90.9 | 241.6 | 13.0 | 11.4 | 6.2 | 329.9 | 329.9 | 99.9 | 99.9 | 29.3 | 47.0 |
| 37.6 | 101.6 | 11319.5 | 225.0 | -56.6 | -99.9 | 241.6 | 14.0 | 12.3 | 6.6 | 331.8 | 331.8 | 99.9 | 99.9 | 31.8 | 48.0 |
| 39.4 | 106.9 | 12052.8 | 200.0 | -62.1 | -99.9 | 238.6 | 13.2 | 11.2 | 6.9 | 334.4 | 334.4 | 99.9 | 99.9 | 34.8 | 49.0 |
| 42.1 | 112.5 | 12970.5 | 175.0 | -65.8 | -99.9 | 240.3 | 9.6 | 8.3 | 4.8 | 341.3 | 341.3 | 99.9 | 99.9 | 38.3 | 49.0 |
| 45.1 | 118.8 | 13414.4 | 150.0 | -62.8 | -99.9 | 265.3 | 11.0 | 10.9 | 8.9 | 341.9 | 341.9 | 99.9 | 99.9 | 35.7 | 50.0 |
| 48.7 | 125.5 | 14944.4 | 125.0 | -60.8 | -99.9 | 292.7 | 15.5 | 14.3 | -6.9 | 345.0 | 345.0 | 99.9 | 99.9 | 37.8 | 53.0 |
| 53.0 | 134.0 | 16327.4 | 100.0 | -52.5 | -99.9 | 315.2 | 10.3 | 7.2 | -7.3 | 406.9 | 406.9 | 99.9 | 99.9 | 36.8 | 58.0 |
| 58.2 | 143.3 | 19106.9 | 75.0 | -61.7 | -99.9 | 328.1 | 6.7 | 3.5 | -5.7 | 443.6 | 443.6 | 99.9 | 99.9 | 39.6 | 62.0 |
| 65.1 | 154.0 | 22637.1 | 50.0 | -57.3 | -99.9 | 331.3 | 4.7 | 2.2 | -4.1 | 508.5 | 508.5 | 99.9 | 99.9 | 39.3 | 65.0 |
| 70.5 | 165.5 | 25088.0 | 25.0 | -50.4 | -99.9 | 280.3 | 5.8 | 5.5 | -1.8 | 600.1 | 600.1 | 99.9 | 99.9 | 40.9 | 69.0 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG

STATION NO. 553
 OMAHA, NEBRASKA

 19 APRIL 1979
 2010 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POI T DEG K | E POI T DEG K | MX RTO CM/KG | RH PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|-----------------|-----------|-------------|-----------|
| 0.2 | 10.2 | 920.0 | 966.2 | 22.4 | 15.3 | 140.0 | 8.8 | -5.7 | 6.7 | 298.7 | 229.0 | 11.4 | 64.0 | 0.0 | 0. |
| 00.3 | 09.9 | 909.0 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 52.9 | 52.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 00.5 | 11.5 | 529.0 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 59.9 | 59.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 1.4 | 13.4 | 759.0 | 925.0 | 20.6 | 16.8 | 162.1 | 11.1 | -3.4 | 10.5 | 298.1 | 328.0 | 11.3 | 69.3 | 0.5 | 307. |
| 2.3 | 16.2 | 923.8 | 900.0 | 18.5 | 14.3 | 165.8 | 11.4 | -2.6 | 11.1 | 298.3 | 328.0 | 11.2 | 76.4 | 1.0 | 340. |
| 3.7 | 18.7 | 1233.2 | 875.0 | 16.2 | 14.2 | 175.1 | 12.1 | -1.0 | 12.0 | 298.2 | 328.5 | 11.4 | 88.0 | 1.6 | 348. |
| 3.9 | 21.1 | 1478.4 | 850.0 | 14.2 | 13.1 | 181.1 | 13.7 | 1.7 | 13.6 | 298.6 | 327.7 | 10.9 | 92.8 | 2.2 | 351. |
| 4.4 | 23.6 | 1730.0 | 825.0 | 13.4 | 12.3 | 192.7 | 15.6 | 3.4 | 15.2 | 300.2 | 328.9 | 10.7 | 92.8 | 2.9 | 356. |
| 5.4 | 26.1 | 1937.7 | 800.0 | 11.9 | 10.6 | 206.4 | 13.6 | 4.7 | 12.7 | 303.1 | 327.9 | 9.8 | 91.8 | 3.7 | 0. |
| 6.3 | 28.7 | 2253.1 | 775.0 | 9.8 | 8.1 | 208.0 | 14.0 | 6.8 | 12.3 | 304.3 | 328.6 | 8.8 | 89.4 | 5.4 | 8. |
| 9.3 | 31.2 | 2807.9 | 725.0 | 9.9 | -3.1 | 216.3 | 16.8 | 10.0 | 13.6 | 307.3 | 319.8 | 4.3 | 83.4 | 6.3 | 12. |
| 10.1 | 36.6 | 3098.2 | 700.0 | 10.1 | -21.4 | 221.7 | 19.0 | 12.7 | 14.2 | 310.5 | 313.6 | 6.9 | 8.9 | 7.6 | 17. |
| 11.4 | 38.2 | 3306.2 | 675.0 | 7.8 | -21.4 | 227.0 | 17.3 | 12.6 | 11.8 | 311.2 | 314.3 | 1.0 | 10.4 | 8.6 | 21. |
| 12.5 | 42.0 | 3702.4 | 650.0 | 5.2 | -20.6 | 232.7 | 16.4 | 13.0 | 9.9 | 311.5 | 315.0 | 1.1 | 13.4 | 9.6 | 24. |
| 13.5 | 44.9 | 4317.5 | 625.0 | 2.2 | -18.0 | 237.7 | 15.7 | 13.3 | 8.4 | 311.4 | 315.9 | 1.4 | 20.7 | 10.5 | 27. |
| 14.1 | 47.8 | 4311.8 | 600.0 | -3.7 | -17.6 | 241.9 | 15.6 | 13.9 | 7.4 | 311.6 | 316.4 | 1.5 | 26.4 | 11.4 | 30. |
| 16.1 | 50.9 | 4675.9 | 575.0 | -6.8 | -23.3 | 246.1 | 13.1 | 11.9 | 5.3 | 312.0 | 315.4 | 1.1 | 25.6 | 12.3 | 33. |
| 17.4 | 53.5 | 5021.2 | 550.0 | -9.0 | -40.8 | 248.8 | 14.3 | 12.4 | 6.1 | 313.5 | 314.1 | 0.2 | 27.9 | 13.2 | 35. |
| 19.3 | 56.8 | 5360.3 | 525.0 | -10.8 | -56.7 | 248.7 | 14.3 | 13.3 | 5.2 | 315.5 | 315.6 | 0.0 | 5.3 | 14.2 | 38. |
| 20.1 | 60.0 | 5733.0 | 500.0 | -14.0 | -58.8 | 250.9 | 12.9 | 12.2 | 4.2 | 316.0 | 316.1 | 0.0 | 1.0 | 15.3 | 40. |
| 21.7 | 63.1 | 6100.6 | 475.0 | -16.4 | -60.3 | 243.5 | 13.1 | 11.8 | 5.9 | 317.7 | 317.8 | 0.0 | 1.0 | 16.2 | 42. |
| 22.9 | 66.6 | 6504.9 | 450.0 | -17.4 | -62.3 | 243.6 | 15.7 | 12.8 | 9.1 | 318.9 | 318.9 | 0.0 | 1.0 | 18.2 | 44. |
| 24.3 | 70.0 | 6956.6 | 425.0 | -22.8 | -64.5 | 232.9 | 15.3 | 12.2 | 9.2 | 319.7 | 319.8 | 0.0 | 1.0 | 19.5 | 45. |
| 25.2 | 73.6 | 7430.4 | 400.0 | -26.0 | -66.5 | 237.3 | 15.7 | 13.2 | 8.5 | 321.3 | 321.3 | 0.0 | 1.0 | 21.0 | 45. |
| 27.7 | 77.2 | 7822.3 | 375.0 | -29.4 | -68.8 | 243.8 | 15.4 | 13.8 | 6.8 | 322.7 | 322.7 | 0.0 | 1.0 | 22.5 | 47. |
| 29.1 | 81.7 | 8361.1 | 350.0 | -37.0 | -71.1 | 242.9 | 16.8 | 15.0 | 7.7 | 324.3 | 324.4 | 0.0 | 1.0 | 24.1 | 48. |
| 31.3 | 85.0 | 8878.3 | 325.0 | -37.1 | -73.9 | 240.4 | 16.9 | 14.7 | 8.3 | 325.5 | 325.5 | 0.0 | 1.0 | 25.9 | 49. |
| 31.7 | 82.2 | 8472.2 | 300.0 | -41.2 | 99.9 | 228.7 | 16.0 | 12.0 | 10.5 | 327.4 | 999.9 | 99.9 | 999.9 | 27.6 | 49. |
| 36.3 | 93.6 | 10712.5 | 275.0 | -45.8 | 99.9 | 228.3 | 14.4 | 10.8 | 9.6 | 328.8 | 999.9 | 99.9 | 999.9 | 30.9 | 49. |
| 37.3 | 98.0 | 10639.7 | 250.0 | -50.8 | 99.9 | 232.5 | 11.9 | 9.4 | 7.2 | 330.6 | 999.9 | 99.9 | 999.9 | 30.9 | 49. |
| 39.5 | 103.0 | 11316.9 | 225.0 | -56.4 | 99.9 | 232.1 | 14.1 | 11.1 | 8.7 | 332.1 | 999.9 | 99.9 | 999.9 | 32.9 | 49. |
| 42.2 | 108.3 | 12054.9 | 200.0 | -62.1 | 99.9 | 227.1 | 14.9 | 10.9 | 10.2 | 334.5 | 999.9 | 99.9 | 999.9 | 35.2 | 49. |
| 44.9 | 114.3 | 12372.3 | 175.0 | -66.3 | 99.9 | 228.3 | 13.7 | 10.3 | 9.1 | 340.6 | 999.9 | 99.9 | 999.9 | 37.4 | 49. |
| 48.1 | 120.3 | 13420.4 | 150.0 | -69.9 | 99.9 | 256.0 | 17.8 | 17.2 | 4.3 | 366.9 | 999.9 | 99.9 | 999.9 | 40.1 | 50. |
| 51.7 | 127.3 | 14963.3 | 125.0 | -60.0 | 99.9 | 300.5 | 13.5 | 11.6 | -6.8 | 386.4 | 999.9 | 99.9 | 999.9 | 42.6 | 53. |
| 54.1 | 135.7 | 16347.3 | 100.0 | -62.5 | 99.9 | 312.5 | 13.2 | 9.7 | -9.9 | 407.0 | 999.9 | 99.9 | 999.9 | 43.6 | 57. |
| 61.4 | 145.0 | 18119.4 | 75.0 | -61.2 | 99.9 | 319.1 | 7.7 | 5.0 | -5.8 | 444.6 | 999.9 | 99.9 | 999.9 | 44.8 | 62. |
| 68.7 | 156.0 | 20647.3 | 50.0 | -58.1 | 99.9 | 334.2 | 4.6 | 2.9 | -5.9 | 506.5 | 999.9 | 99.9 | 999.9 | 46.4 | 65. |
| 76.9 | 167.0 | 25388.8 | 25.0 | -51.2 | 99.9 | 289.5 | 6.1 | 5.8 | -2.0 | 637.4 | 999.9 | 99.9 | 999.9 | 45.9 | 70. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 953
CHAMPA, NEBRASKA10 APRIL 1979
2300 GMT

| TIME MIN | CNTCT | HEIGHT GPH | PMES MB | TEMP DEG C | DEW PT DEG C | DIN DEG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DEG K | E POT T DEG K | MX RTO CM/KG | RM PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|-----------------|-----------|-------------|-----------|
| 0.0 | 10.1 | 400.0 | 964.0 | 20.8 | 16.5 | 160.0 | 8.0 | -3.0 | 0.3 | 297.1 | 325.7 | 10.0 | 87.0 | 0.0 | 0. |
| 0.0 | 99.0 | 99.0 | 1000.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 0.0 | 99.0 | 99.0 | 975.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 0.4 | 11.0 | 520.0 | 950.0 | 19.0 | 13.6 | 169.2 | 13.0 | -2.5 | 13.2 | 290.4 | 323.9 | 10.0 | 71.1 | 0.5 | 350. |
| 1.5 | 13.5 | 735.0 | 925.0 | 17.0 | 13.1 | 172.2 | 16.0 | -2.3 | 16.6 | 296.7 | 325.4 | 10.0 | 81.7 | 1.0 | 350. |
| 2.7 | 15.0 | 900.0 | 900.0 | 15.1 | 13.7 | 185.0 | 10.3 | 1.0 | 10.2 | 297.1 | 326.3 | 11.1 | 91.3 | 2.0 | 350. |
| 3.7 | 16.1 | 1720.0 | 875.0 | 15.0 | 13.7 | 194.2 | 10.7 | 5.2 | 10.0 | 299.3 | 329.6 | 11.3 | 91.9 | 3.0 | 1. |
| 4.7 | 20.4 | 1470.0 | 850.0 | 14.1 | 11.9 | 194.0 | 16.6 | 4.2 | 16.1 | 301.0 | 329.1 | 10.4 | 86.7 | 0.0 | 4. |
| 5.6 | 25.1 | 1720.0 | 825.0 | 13.2 | 11.5 | 199.5 | 15.2 | 2.5 | 15.0 | 302.0 | 331.0 | 10.4 | 89.4 | 5.7 | 5. |
| 6.6 | 27.5 | 1905.3 | 800.0 | 12.1 | 9.9 | 199.5 | 16.5 | 5.5 | 15.0 | 300.0 | 330.0 | 9.7 | 86.9 | 0.0 | 6. |
| 7.6 | 27.5 | 2252.0 | 775.0 | 14.0 | -12.0 | 222.0 | 14.5 | 9.7 | 10.0 | 300.9 | 315.0 | 2.0 | 15.7 | 7.0 | 9. |
| 9.0 | 30.0 | 2528.0 | 750.0 | 13.2 | -10.9 | 229.0 | 14.0 | 11.3 | 9.7 | 310.9 | 310.0 | 1.1 | 9.0 | 8.1 | 13. |
| 9.5 | 32.3 | 2811.5 | 725.0 | 10.9 | -20.6 | 231.9 | 15.1 | 11.9 | 9.3 | 311.5 | 314.7 | 1.0 | 9.1 | 0.0 | 16. |
| 10.5 | 34.0 | 3102.3 | 700.0 | 6.1 | -19.0 | 230.7 | 13.1 | 11.2 | 6.0 | 311.5 | 313.2 | 1.2 | 12.2 | 9.4 | 19. |
| 11.6 | 37.4 | 3400.5 | 675.0 | 5.1 | -17.6 | 239.5 | 12.0 | 11.0 | 6.5 | 311.3 | 315.0 | 1.4 | 17.5 | 10.1 | 22. |
| 12.7 | 39.9 | 3700.7 | 650.0 | 2.2 | -10.7 | 239.4 | 12.6 | 10.0 | 6.4 | 311.4 | 316.4 | 1.6 | 23.2 | 10.7 | 25. |
| 13.0 | 42.5 | 4021.0 | 625.0 | -0.6 | -17.1 | 235.0 | 12.6 | 10.4 | 7.2 | 311.0 | 316.0 | 1.6 | 27.4 | 11.5 | 27. |
| 15.0 | 45.2 | 4306.2 | 600.0 | -3.7 | -17.3 | 235.0 | 11.0 | 9.0 | 6.6 | 311.0 | 316.0 | 1.6 | 33.0 | 12.3 | 29. |
| 16.3 | 47.9 | 4581.2 | 575.0 | -6.0 | -32.6 | 242.9 | 9.0 | 0.6 | 3.4 | 310.3 | 314.5 | 0.0 | 1.1 | 13.0 | 31. |
| 17.6 | 50.7 | 5129.4 | 550.0 | -7.0 | -50.3 | 247.0 | 10.3 | 9.4 | 4.0 | 315.0 | 316.0 | 0.0 | 1.0 | 13.0 | 33. |
| 19.0 | 53.6 | 5300.2 | 525.0 | -9.9 | -50.2 | 247.0 | 10.4 | 9.0 | 3.6 | 310.6 | 310.7 | 0.0 | 1.0 | 14.3 | 35. |
| 20.3 | 56.4 | 5753.9 | 500.0 | -13.4 | -51.2 | 246.6 | 9.5 | 8.7 | 3.0 | 310.7 | 316.9 | 0.0 | 1.2 | 15.0 | 37. |
| 21.4 | 59.4 | 6151.7 | 475.0 | -10.0 | -53.2 | 244.6 | 9.7 | 8.0 | 4.2 | 317.2 | 317.4 | 0.1 | 2.6 | 15.7 | 38. |
| 23.2 | 62.4 | 6555.0 | 450.0 | -19.3 | -62.2 | 244.6 | 13.1 | 12.0 | 5.3 | 310.9 | 319.0 | 0.0 | 1.0 | 16.4 | 40. |
| 24.6 | 65.5 | 6778.0 | 425.0 | -21.0 | -63.0 | 249.1 | 14.1 | 13.1 | 5.0 | 321.1 | 321.2 | 0.0 | 1.0 | 17.7 | 41. |
| 26.2 | 68.0 | 7421.9 | 400.0 | -25.2 | -64.0 | 247.1 | 15.3 | 14.1 | 6.0 | 322.2 | 322.3 | 0.0 | 1.0 | 18.0 | 43. |
| 27.4 | 72.1 | 7487.5 | 375.0 | -28.5 | -68.2 | 246.9 | 16.4 | 15.0 | 6.0 | 323.9 | 324.0 | 0.0 | 1.0 | 20.2 | 45. |
| 29.3 | 75.0 | 8377.6 | 350.0 | -32.9 | -68.6 | 246.5 | 16.3 | 14.9 | 6.5 | 329.4 | 324.4 | 0.0 | 1.4 | 21.7 | 46. |
| 31.1 | 79.3 | 8904.3 | 325.0 | -37.2 | -69.6 | 246.4 | 15.5 | 14.2 | 6.2 | 325.5 | 325.5 | 0.0 | 3.4 | 23.2 | 48. |
| 33.1 | 83.0 | 9402.6 | 300.0 | -41.0 | -69.9 | 234.1 | 16.7 | 13.5 | 9.0 | 327.6 | 329.9 | 99.9 | 99.9 | 25.1 | 49. |
| 35.1 | 87.0 | 10323.7 | 275.0 | -45.7 | -70.9 | 228.1 | 17.9 | 17.4 | 10.0 | 329.1 | 329.9 | 99.9 | 99.9 | 27.1 | 49. |
| 37.3 | 91.2 | 10650.9 | 250.0 | -50.0 | -69.9 | 232.2 | 17.3 | 13.7 | 10.0 | 338.5 | 329.9 | 99.9 | 99.9 | 29.5 | 49. |
| 39.4 | 95.1 | 11310.6 | 225.0 | -54.4 | -69.9 | 233.2 | 16.1 | 12.9 | 9.6 | 332.2 | 329.9 | 99.9 | 99.9 | 31.0 | 49. |
| 42.2 | 100.2 | 12372.9 | 200.0 | -61.5 | -69.9 | 236.5 | 14.5 | 12.1 | 8.0 | 335.4 | 329.9 | 99.9 | 99.9 | 34.2 | 50. |
| 45.3 | 105.6 | 12400.5 | 175.0 | -65.1 | -69.9 | 245.6 | 15.9 | 14.5 | 6.6 | 342.6 | 329.9 | 99.9 | 99.9 | 37.0 | 50. |
| 44.7 | 111.0 | 13403.6 | 150.0 | -68.3 | -69.9 | 266.2 | 15.1 | 15.1 | 1.0 | 345.9 | 329.9 | 99.9 | 99.9 | 39.0 | 52. |
| 52.4 | 117.3 | 14937.7 | 125.0 | -59.3 | -69.9 | 291.1 | 10.4 | 9.7 | -3.7 | 347.7 | 329.9 | 99.9 | 99.9 | 42.0 | 55. |
| 47.4 | 124.0 | 16371.1 | 100.0 | -62.1 | -69.9 | 303.6 | 11.7 | 9.0 | -0.5 | 407.7 | 329.9 | 99.9 | 99.9 | 43.6 | 58. |
| 63.1 | 132.0 | 19132.4 | 75.0 | -63.5 | -69.9 | 325.7 | 8.5 | 4.0 | -7.1 | 439.0 | 329.9 | 99.9 | 99.9 | 44.0 | 63. |
| 70.9 | 141.3 | 20603.5 | 50.0 | -58.0 | -69.9 | 332.5 | 5.7 | 2.0 | -5.0 | 490.9 | 329.9 | 99.9 | 99.9 | 46.4 | 67. |
| 83.0 | 152.0 | 25300.0 | 25.0 | -64.6 | -69.9 | 306.6 | 7.3 | 5.9 | -4.4 | 639.3 | 329.9 | 99.9 | 99.9 | 48.2 | 72. |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG

STATION NO. 553
OHAKA, NEBRASKA20 APRIL 1979
204 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | J COMP M/SEC | V COMP M/SEC | POT Y DEG K | E POT Y DEG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|-----------------|-----------|-------------|-----------|
| 0.0 | 9.9 | 400.0 | 904.6 | 19.2 | 13.4 | 130.0 | 4.6 | -3.5 | 3.0 | 295.4 | 322.0 | 10.1 | 69.0 | 0.0 | 0.0 |
| 99.9 | 99.9 | 1000.0 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.5 | 11.2 | 531.3 | 950.0 | 18.6 | 12.9 | 144.2 | 12.4 | -7.2 | 10.0 | 298.0 | 322.3 | 9.9 | 69.5 | 0.4 | 339. |
| 1.4 | 13.9 | 700.0 | 925.0 | 17.2 | 13.1 | 161.7 | 17.3 | -5.4 | 16.5 | 296.9 | 322.2 | 10.3 | 76.5 | 1.0 | 333. |
| 2.1 | 15.9 | 934.3 | 900.0 | 17.5 | 13.0 | 177.5 | 20.4 | -0.9 | 20.3 | 299.6 | 331.7 | 12.0 | 85.0 | 1.9 | 341. |
| 2.9 | 18.3 | 1235.4 | 875.0 | 16.1 | 13.0 | 190.6 | 20.4 | 3.7 | 20.1 | 300.5 | 331.6 | 11.6 | 87.6 | 2.8 | 350. |
| 3.7 | 20.6 | 1492.0 | 850.0 | 14.5 | 13.0 | 193.3 | 22.3 | 7.0 | 21.2 | 301.4 | 331.5 | 11.2 | 90.5 | 3.9 | 357. |
| 4.7 | 23.1 | 1734.4 | 825.0 | 13.0 | 11.5 | 202.8 | 22.9 | 8.9 | 21.1 | 302.4 | 330.7 | 10.4 | 90.4 | 5.1 | 3.0 |
| 5.6 | 25.6 | 1933.3 | 800.0 | 11.2 | 9.6 | 208.1 | 21.7 | 10.2 | 19.2 | 303.1 | 329.0 | 9.5 | 89.8 | 6.5 | 8.0 |
| 6.7 | 28.0 | 2258.2 | 775.0 | 9.0 | 7.5 | 213.7 | 17.9 | 9.9 | 14.9 | 303.5 | 328.8 | 8.4 | 89.9 | 7.5 | 11.0 |
| 7.7 | 30.6 | 2529.5 | 750.0 | 6.7 | 5.4 | 223.4 | 12.9 | 8.8 | 9.3 | 303.9 | 321.0 | 6.1 | 74.0 | 8.2 | 14.0 |
| 8.7 | 33.2 | 2808.1 | 725.0 | 7.6 | -23.9 | 235.1 | 12.9 | 10.6 | 7.4 | 307.8 | 310.3 | 0.8 | 8.5 | 8.9 | 16.0 |
| 9.7 | 35.8 | 3096.5 | 700.0 | 6.8 | -23.6 | 238.4 | 12.5 | 10.7 | 6.6 | 310.0 | 312.9 | 0.9 | 10.1 | 9.5 | 20.0 |
| 10.9 | 39.4 | 3393.6 | 675.0 | 4.3 | -23.2 | 233.2 | 12.2 | 9.8 | 7.3 | 310.5 | 313.3 | 0.9 | 11.3 | 10.1 | 22.0 |
| 11.9 | 41.1 | 3698.7 | 650.0 | 1.4 | -19.7 | 237.6 | 9.6 | 8.1 | 5.1 | 310.6 | 314.5 | 1.2 | 19.0 | 10.8 | 24.0 |
| 13.0 | 44.0 | 4012.6 | 625.0 | -1.9 | -20.2 | 244.1 | 8.0 | 7.2 | 3.5 | 310.7 | 314.6 | 1.2 | 22.4 | 11.2 | 26.0 |
| 14.1 | 46.8 | 4335.8 | 600.0 | -4.7 | -19.7 | 237.3 | 9.9 | 8.6 | 5.4 | 310.9 | 315.0 | 1.3 | 29.5 | 11.7 | 28.0 |
| 15.4 | 49.4 | 4668.7 | 575.0 | -7.8 | -25.9 | 242.7 | 9.7 | 8.6 | 4.5 | 310.9 | 313.6 | 0.8 | 22.3 | 12.3 | 29.0 |
| 16.5 | 52.7 | 5012.9 | 550.0 | -9.9 | -54.7 | 239.1 | 11.1 | 9.6 | 5.7 | 312.3 | 312.5 | 0.0 | 1.2 | 13.0 | 31.0 |
| 17.4 | 55.7 | 5369.7 | 525.0 | -12.2 | -57.6 | 231.1 | 9.2 | 7.2 | 5.8 | 313.8 | 313.9 | 0.0 | 1.0 | 13.7 | 33.0 |
| 19.0 | 58.9 | 5741.7 | 500.0 | -14.1 | -58.9 | 217.3 | 10.8 | 6.6 | 6.6 | 315.8 | 315.9 | 0.0 | 1.0 | 14.4 | 33.0 |
| 20.3 | 62.0 | 6128.0 | 475.0 | -17.4 | -61.0 | 220.3 | 11.2 | 7.2 | 8.5 | 316.4 | 316.5 | 0.0 | 1.0 | 15.3 | 33.0 |
| 21.6 | 65.7 | 6530.3 | 450.0 | -20.8 | -63.2 | 221.8 | 9.0 | 6.0 | 6.7 | 317.1 | 317.2 | 0.0 | 1.0 | 16.1 | 34.0 |
| 23.2 | 69.7 | 6949.8 | 425.0 | -24.5 | -65.6 | 216.1 | 9.8 | 5.8 | 7.9 | 317.6 | 317.6 | 0.0 | 1.0 | 16.9 | 34.0 |
| 24.8 | 73.3 | 7399.7 | 400.0 | -26.4 | -68.8 | 217.6 | 11.8 | 7.2 | 9.4 | 320.7 | 320.8 | 0.0 | 1.0 | 17.9 | 34.0 |
| 26.4 | 75.9 | 7833.8 | 375.0 | -29.3 | -68.7 | 218.2 | 13.1 | 8.1 | 10.3 | 322.8 | 322.8 | 0.0 | 1.0 | 18.2 | 34.0 |
| 28.3 | 79.7 | 8343.3 | 350.0 | -32.2 | -65.4 | 227.9 | 16.8 | 12.5 | 11.3 | 325.4 | 325.5 | 0.0 | 1.6 | 20.7 | 35.0 |
| 30.0 | 83.7 | 8862.7 | 325.0 | -35.7 | -53.2 | 234.1 | 20.7 | 16.7 | 12.1 | 327.4 | 327.8 | 0.1 | 15.1 | 22.6 | 36.0 |
| 31.5 | 87.7 | 9414.1 | 300.0 | -40.2 | 99.9 | 237.5 | 20.8 | 17.6 | 11.2 | 329.7 | 329.9 | 99.9 | 99.9 | 24.5 | 38.0 |
| 33.4 | 92.0 | 10001.5 | 275.0 | -45.1 | 99.9 | 244.7 | 21.4 | 19.3 | 9.1 | 329.9 | 329.9 | 99.9 | 99.9 | 26.6 | 40.0 |
| 35.1 | 96.6 | 10630.4 | 250.0 | -50.8 | 99.9 | 254.7 | 22.4 | 21.6 | 5.9 | 330.6 | 329.9 | 99.9 | 99.9 | 28.5 | 42.0 |
| 36.8 | 101.6 | 11306.9 | 225.0 | -57.2 | 99.9 | 265.5 | 26.0 | 25.9 | 2.0 | 330.8 | 329.9 | 99.9 | 99.9 | 30.6 | 45.0 |
| 39.1 | 106.8 | 12042.3 | 200.0 | -62.4 | 99.9 | 268.7 | 25.8 | 25.8 | 0.6 | 334.0 | 329.9 | 99.9 | 99.9 | 33.4 | 49.0 |
| 41.4 | 112.5 | 12855.6 | 175.0 | -67.3 | 99.9 | 260.5 | 17.8 | 17.6 | 2.9 | 338.8 | 329.9 | 99.9 | 99.9 | 36.1 | 53.0 |
| 44.4 | 119.0 | 13794.3 | 150.0 | -59.4 | 99.9 | 257.6 | 11.5 | 11.2 | 2.5 | 367.8 | 329.9 | 99.9 | 99.9 | 38.1 | 54.0 |
| 46.1 | 125.0 | 14974.9 | 125.0 | -60.6 | 99.9 | 279.0 | 7.4 | 7.3 | -1.2 | 385.2 | 329.9 | 99.9 | 99.9 | 38.5 | 55.0 |
| 52.5 | 134.3 | 16314.0 | 100.0 | -64.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 403.6 | 329.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY TEMP MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 553
ORAMA, NEBRASKA20 APRIL 1979
801 GMT

| TIME MIN | CNCT | HEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | 1' COMP M/SEC | V COMP M/SEC | POT Y DEG K | E POT Y DEG K | MAX RTO CM/KG | RM PCT | RANGE KM | AZ DEG | 106 | 13.0 | 0 |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|------------------|-----------------|----------------|------------------|------------------|-----------|-------------|-----------|-----|------|---|
| | | | | | | | | | | | | | | | | | | |
| 0.0 | 9.8 | 400.0 | 964.7 | 14.4 | 14.2 | 130.0 | 3.1 | -2.4 | 2.0 | 290.5 | 310.0 | 10.7 | 99.8 | 0.0 | 0. | | | |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 79.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 | | | |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 | | | |
| 0.6 | 11.2 | 510.7 | 950.0 | 16.0 | 14.7 | 190.7 | 6.7 | 1.2 | 6.6 | 293.4 | 323.6 | 11.2 | 92.1 | 0.2 | 333. | | | |
| 1.4 | 13.6 | 759.2 | 925.0 | 15.9 | 14.6 | 205.5 | 11.1 | 4.8 | 10.0 | 295.6 | 325.6 | 11.4 | 92.2 | 0.6 | 5. | | | |
| 2.3 | 15.6 | 991.6 | 900.0 | 15.5 | 14.2 | 210.7 | 17.2 | 8.8 | 14.8 | 297.4 | 327.7 | 11.4 | 92.3 | 1.3 | 19. | | | |
| 3.2 | 17.8 | 1235.9 | 875.0 | 14.3 | 13.1 | 213.6 | 17.6 | 9.8 | 14.7 | 298.6 | 327.7 | 10.9 | 92.4 | 2.3 | 25. | | | |
| 6.3 | 20.1 | 1476.0 | 850.0 | 13.3 | 12.1 | 214.8 | 17.1 | 9.7 | 14.0 | 300.1 | 328.4 | 10.5 | 92.3 | 3.4 | 28. | | | |
| 5.4 | 22.4 | 1727.5 | 825.0 | 12.1 | 10.8 | 216.6 | 19.0 | 11.3 | 15.2 | 301.4 | 328.3 | 9.9 | 91.5 | 4.6 | 30. | | | |
| 6.4 | 24.8 | 1985.4 | 800.0 | 10.7 | 9.3 | 221.5 | 20.0 | 13.2 | 15.0 | 302.5 | 327.9 | 9.3 | 91.6 | 5.7 | 32. | | | |
| 7.3 | 27.0 | 2350.0 | 775.0 | 9.5 | 8.1 | 225.7 | 21.6 | 15.4 | 15.1 | 304.0 | 328.3 | 8.8 | 91.2 | 6.8 | 34. | | | |
| 9.1 | 29.4 | 2522.0 | 750.0 | 7.5 | 6.2 | 226.1 | 16.5 | 11.9 | 11.4 | 304.8 | 326.9 | 8.0 | 90.9 | 7.7 | 35. | | | |
| 8.4 | 31.8 | 2800.8 | 725.0 | 5.3 | 3.8 | 216.5 | 20.0 | 11.9 | 16.1 | 305.2 | 324.9 | 7.0 | 90.5 | 8.4 | 36. | | | |
| 9.9 | 34.3 | 3087.7 | 700.0 | 4.1 | 2.7 | 212.3 | 22.1 | 11.8 | 16.7 | 307.1 | 326.0 | 6.7 | 90.4 | 9.3 | 36. | | | |
| 9.9 | 36.8 | 3383.7 | 675.0 | 3.3 | 1.8 | 211.1 | 22.0 | 11.3 | 16.8 | 309.3 | 327.9 | 6.5 | 90.0 | 10.6 | 35. | | | |
| 10.5 | 39.4 | 3689.4 | 650.0 | 1.1 | -0.5 | 211.7 | 22.5 | 11.8 | 19.1 | 310.2 | 326.8 | 5.7 | 89.4 | 10.6 | 35. | | | |
| 11.5 | 41.9 | 4002.6 | 625.0 | -3.2 | -5.7 | 210.3 | 24.3 | 12.2 | 21.0 | 308.7 | 320.5 | 4.0 | 83.1 | 11.9 | 35. | | | |
| 14.4 | 44.6 | 4323.6 | 600.0 | -6.1 | -9.1 | 211.1 | 25.7 | 13.3 | 22.0 | 309.1 | 316.7 | 3.2 | 79.4 | 16.4 | 32. | | | |
| 15.5 | 47.3 | 4656.7 | 575.0 | -7.2 | -9.9 | 215.9 | 22.9 | 13.4 | 18.6 | 311.6 | 321.0 | 3.1 | 80.9 | 18.1 | 33. | | | |
| 16.7 | 50.1 | 5002.4 | 550.0 | -8.9 | -11.8 | 212.5 | 19.5 | 10.5 | 16.5 | 313.5 | 322.2 | 2.8 | 79.8 | 19.5 | 33. | | | |
| 17.9 | 52.9 | 5361.9 | 525.0 | -10.6 | -13.5 | 206.4 | 19.2 | 8.5 | 17.2 | 315.8 | 323.7 | 2.6 | 78.4 | 20.9 | 33. | | | |
| 19.3 | 55.8 | 5736.4 | 500.0 | -12.5 | -15.7 | 201.0 | 18.7 | 6.7 | 17.4 | 317.9 | 325.0 | 2.3 | 76.9 | 22.5 | 32. | | | |
| 20.9 | 58.5 | 6124.4 | 475.0 | -15.3 | -18.9 | 196.6 | 17.7 | 5.1 | 16.9 | 319.0 | 324.8 | 1.8 | 73.9 | 24.2 | 31. | | | |
| 22.3 | 61.9 | 6512.9 | 450.0 | -19.3 | -22.1 | 195.1 | 15.4 | 4.0 | 14.9 | 320.3 | 325.0 | 1.4 | 71.8 | 25.5 | 30. | | | |
| 23.9 | 65.0 | 6957.3 | 425.0 | -21.2 | -25.2 | 204.4 | 16.2 | 6.7 | 14.8 | 321.8 | 325.6 | 1.1 | 69.8 | 27.0 | 30. | | | |
| 25.3 | 68.1 | 7402.2 | 400.0 | -24.6 | -28.6 | 206.6 | 15.9 | 7.1 | 14.3 | 323.0 | 326.1 | 0.9 | 69.0 | 28.3 | 29. | | | |
| 26.9 | 71.6 | 7869.3 | 375.0 | -29.1 | -36.2 | 210.3 | 12.7 | 6.4 | 11.0 | 323.1 | 324.7 | 0.5 | 50.4 | 29.6 | 29. | | | |
| 28.7 | 75.0 | 8357.4 | 350.0 | -32.8 | -40.9 | 217.2 | 14.5 | 8.8 | 11.5 | 323.6 | 325.7 | 0.3 | 43.6 | 31.1 | 33. | | | |
| 32.6 | 78.6 | 8975.3 | 325.0 | -37.0 | -44.7 | 224.7 | 14.5 | 10.2 | 10.3 | 325.7 | 326.5 | 0.2 | 44.3 | 32.7 | 30. | | | |
| 32.4 | 82.3 | 9423.3 | 300.0 | -41.8 | -49.9 | 225.7 | 14.7 | 10.5 | 10.3 | 326.5 | 999.9 | 99.9 | 999.9 | 34.3 | 31. | | | |
| 34.2 | 86.2 | 10006.4 | 275.0 | -46.5 | -54.9 | 223.9 | 16.4 | 11.3 | 11.8 | 328.0 | 999.9 | 99.9 | 999.9 | 35.8 | 32. | | | |
| 36.1 | 90.3 | 10611.6 | 250.0 | -52.0 | -59.9 | 225.9 | 13.1 | 9.4 | 9.1 | 328.7 | 999.9 | 99.9 | 999.9 | 37.6 | 32. | | | |
| 38.4 | 94.8 | 11304.5 | 225.0 | -58.4 | -64.9 | 211.0 | 11.3 | 5.8 | 9.7 | 329.1 | 999.9 | 99.9 | 999.9 | 39.1 | 33. | | | |
| 41.3 | 99.4 | 12037.3 | 200.0 | -63.4 | -69.9 | 194.9 | 18.6 | 4.8 | 17.9 | 332.4 | 999.9 | 99.9 | 999.9 | 41.4 | 32. | | | |
| 44.3 | 104.5 | 12945.1 | 175.0 | -61.7 | -67.9 | 226.8 | 19.4 | 14.1 | 13.3 | 349.2 | 999.9 | 99.9 | 999.9 | 45.0 | 31. | | | |
| 47.9 | 110.0 | 13819.9 | 150.0 | -58.7 | -64.9 | 268.0 | 6.0 | 8.0 | 0.3 | 368.9 | 999.9 | 99.9 | 999.9 | 47.3 | 33. | | | |
| 52.5 | 116.0 | 14954.8 | 125.0 | -61.2 | -69.9 | 294.4 | 5.9 | 5.4 | -2.5 | 384.1 | 999.9 | 99.9 | 999.9 | 48.0 | 35. | | | |
| 58.5 | 123.0 | 16328.5 | 100.0 | -64.8 | -69.9 | 323.4 | 5.8 | 3.5 | -4.7 | 402.5 | 999.9 | 99.9 | 999.9 | 47.5 | 37. | | | |
| 65.4 | 130.7 | 18089.0 | 75.0 | -63.0 | -69.9 | 323.5 | 5.0 | 3.0 | -4.0 | 449.8 | 999.9 | 99.9 | 999.9 | 46.7 | 39. | | | |
| 74.4 | 140.0 | 20594.3 | 50.0 | -61.4 | -69.9 | 325.5 | 3.9 | 2.2 | -3.2 | 498.8 | 999.9 | 99.9 | 999.9 | 45.8 | 41. | | | |
| 80.4 | 151.0 | 24998.2 | 25.0 | -54.5 | -69.9 | 999.9 | 99.9 | 99.9 | 99.9 | 628.0 | 999.9 | 99.9 | 999.9 | 44.9 | 44. | | | |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 553
CHAMA, NEBRASKA

20 APRIL 1979
1100 GMT

145 15. 0

| TIME MIN | CHCT | HEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | WIND H/SEC | WIND H/SEC | WIND H/SEC | POT T DEG K | E POT T DEG K | MX RTO G/MXG | RM PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|---------------|---------------|---------------|----------------|------------------|-----------------|-----------|-------------|-----------|
| 0.0 | 10.2 | 400.0 | 965.2 | 10.6 | 10.4 | 320.0 | 8.2 | 5.3 | -6.3 | 286.6 | 307.9 | 8.3 | 99.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1003.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 1.3 | 11.4 | 532.8 | 950.0 | 10.7 | 9.9 | 999.9 | 99.9 | 99.9 | 209.1 | 209.1 | 308.9 | 8.1 | 94.5 | 99.9 | 99.9 |
| 1.2 | 13.6 | 755.1 | 925.0 | 7.6 | 8.8 | 999.9 | 99.9 | 99.9 | 99.9 | 209.1 | 309.3 | 7.7 | 94.8 | 99.9 | 99.9 |
| 2.0 | 15.7 | 993.8 | 900.0 | 11.4 | 10.6 | 999.9 | 99.9 | 99.9 | 99.9 | 209.3 | 316.9 | 9.0 | 94.9 | 1.4 | 165. |
| 2.9 | 17.9 | 1219.6 | 875.0 | 10.5 | 9.8 | 349.6 | 4.4 | 0.8 | -4.4 | 294.7 | 317.9 | 8.7 | 95.2 | 1.7 | 166. |
| 3.6 | 20.1 | 1461.6 | 850.0 | 10.4 | 9.7 | 304.7 | 4.0 | 3.3 | -2.3 | 297.1 | 321.0 | 9.0 | 95.2 | 1.8 | 167. |
| 4.4 | 22.3 | 1710.8 | 825.0 | 10.1 | 9.2 | 259.7 | 5.6 | 5.5 | 1.0 | 299.1 | 323.2 | 8.9 | 95.1 | 1.9 | 168. |
| 5.1 | 24.5 | 1967.2 | 800.0 | 9.4 | 8.6 | 233.3 | 8.0 | 6.4 | 4.8 | 301.2 | 325.5 | 8.9 | 94.9 | 1.9 | 153. |
| 5.7 | 26.9 | 2230.6 | 775.0 | 8.1 | 7.3 | 224.5 | 11.2 | 7.9 | 8.0 | 302.6 | 325.5 | 8.4 | 94.7 | 1.9 | 139. |
| 6.7 | 29.2 | 2501.2 | 750.0 | 6.3 | 5.5 | 224.1 | 14.3 | 10.0 | 10.3 | 303.5 | 324.6 | 7.6 | 94.7 | 1.9 | 114. |
| 7.9 | 31.6 | 2779.0 | 725.0 | 4.5 | 3.7 | 221.0 | 14.3 | 9.4 | 10.8 | 304.5 | 323.8 | 6.9 | 93.9 | 2.3 | 95. |
| 9.7 | 34.0 | 3064.5 | 700.0 | 2.9 | 2.1 | 210.7 | 15.0 | 7.7 | 12.9 | 305.7 | 323.8 | 6.4 | 94.2 | 2.3 | 81. |
| 10.4 | 36.4 | 3358.9 | 675.0 | 1.2 | 0.3 | 202.3 | 17.3 | 6.9 | 14.5 | 307.0 | 323.6 | 5.8 | 93.5 | 3.4 | 68. |
| 11.7 | 41.4 | 3974.2 | 625.0 | -0.9 | -2.3 | 205.7 | 18.8 | 8.2 | 16.9 | 308.6 | 316.3 | 3.3 | 87.9 | 5.1 | 52. |
| 12.1 | 44.0 | 4296.0 | 600.0 | -5.1 | -9.8 | 206.2 | 19.4 | 8.6 | 17.4 | 310.2 | 314.2 | 3.0 | 69.8 | 6.2 | 47. |
| 13.1 | 46.7 | 4629.5 | 575.0 | -7.3 | -25.5 | 207.8 | 20.0 | 9.3 | 17.7 | 311.4 | 316.4 | 0.9 | 22.2 | 7.4 | 44. |
| 14.9 | 49.3 | 4974.6 | 550.0 | -9.2 | -42.2 | 208.2 | 19.1 | 10.0 | 16.9 | 313.2 | 316.4 | 1.0 | 28.1 | 8.6 | 40. |
| 15.9 | 52.1 | 5333.3 | 525.0 | -11.2 | -32.7 | 211.7 | 19.0 | 10.0 | 16.2 | 314.9 | 316.6 | 0.5 | 15.8 | 9.8 | 40. |
| 17.1 | 54.9 | 5706.3 | 500.0 | -13.0 | -58.2 | 216.9 | 17.6 | 10.6 | 14.1 | 317.2 | 317.3 | 0.0 | 1.0 | 11.1 | 39. |
| 18.3 | 57.8 | 6094.3 | 475.0 | -16.2 | -60.2 | 218.7 | 19.9 | 11.3 | 16.3 | 318.0 | 318.1 | 0.0 | 1.0 | 12.4 | 39. |
| 19.7 | 60.9 | 6499.1 | 450.0 | -18.9 | -61.9 | 208.2 | 20.0 | 9.5 | 17.6 | 319.5 | 319.6 | 0.0 | 1.0 | 14.0 | 38. |
| 20.9 | 63.9 | 6922.7 | 425.0 | -21.6 | -63.7 | 204.4 | 19.2 | 8.0 | 17.5 | 321.3 | 321.4 | 0.0 | 1.0 | 15.5 | 37. |
| 22.2 | 67.0 | 7365.9 | 400.0 | -25.3 | -66.7 | 202.7 | 19.5 | 7.5 | 18.0 | 322.1 | 322.6 | 0.1 | 1.0 | 16.9 | 36. |
| 23.5 | 70.3 | 7831.0 | 375.0 | -29.3 | -70.0 | 204.7 | 20.0 | 8.4 | 18.2 | 322.8 | 324.1 | 0.4 | 42.5 | 18.5 | 35. |
| 25.1 | 73.6 | 8320.2 | 350.0 | -33.2 | -78.4 | 207.4 | 21.2 | 9.8 | 18.9 | 324.0 | 325.4 | 0.4 | 58.9 | 20.6 | 34. |
| 27.1 | 77.1 | 8836.3 | 325.0 | -37.6 | -83.0 | 204.9 | 21.0 | 8.8 | 19.0 | 324.9 | 325.8 | 0.3 | 56.8 | 22.8 | 33. |
| 29.0 | 80.8 | 9383.9 | 300.0 | -41.6 | -89.9 | 202.4 | 21.1 | 8.0 | 19.5 | 326.7 | 326.9 | 99.9 | 99.9 | 25.2 | 32. |
| 31.1 | 84.7 | 9967.7 | 275.0 | -46.9 | -99.9 | 198.7 | 23.1 | 7.4 | 21.9 | 327.3 | 327.9 | 99.9 | 99.9 | 27.9 | 31. |
| 33.3 | 89.7 | 10592.4 | 250.0 | -51.7 | -99.9 | 202.1 | 24.7 | 9.3 | 22.9 | 329.2 | 329.9 | 99.9 | 99.9 | 31.0 | 30. |
| 35.7 | 93.5 | 11256.8 | 225.0 | -57.1 | -99.9 | 201.5 | 25.7 | 9.4 | 23.9 | 331.1 | 331.9 | 99.9 | 99.9 | 34.7 | 29. |
| 37.7 | 97.4 | 12013.6 | 200.0 | -62.1 | -99.9 | 204.4 | 23.0 | 9.5 | 20.9 | 334.5 | 334.5 | 99.9 | 99.9 | 37.8 | 28. |
| 40.1 | 102.5 | 12820.5 | 175.0 | -63.1 | -99.9 | 225.2 | 21.2 | 15.0 | 14.9 | 345.8 | 345.8 | 99.9 | 99.9 | 41.2 | 28. |
| 43.5 | 107.8 | 13799.8 | 150.0 | -59.0 | -99.9 | 229.8 | 10.1 | 7.7 | 6.5 | 368.4 | 368.4 | 99.9 | 99.9 | 43.5 | 31. |
| 47.3 | 113.8 | 14927.0 | 125.0 | -50.2 | -99.9 | 139.2 | 3.0 | -2.0 | -2.3 | 386.1 | 386.1 | 99.9 | 99.9 | 43.8 | 31. |
| 52.3 | 120.5 | 16308.3 | 100.0 | -53.5 | -99.9 | 286.4 | 3.9 | 3.7 | -1.1 | 405.2 | 405.2 | 99.9 | 99.9 | 44.7 | 32. |
| 56.3 | 126.3 | 18073.3 | 75.0 | -63.2 | -99.9 | 313.1 | 4.3 | 3.1 | -2.9 | 440.5 | 440.5 | 99.9 | 99.9 | 46.0 | 33. |
| 65.6 | 137.7 | 20580.7 | 50.0 | -59.4 | -99.9 | 335.9 | 5.0 | 2.0 | -4.6 | 503.5 | 503.5 | 99.9 | 99.9 | 43.6 | 35. |
| 77.1 | 169.0 | 24970.6 | 25.0 | -52.1 | -99.9 | 247.7 | 0.4 | 0.4 | 0.2 | 635.0 | 635.0 | 99.9 | 99.9 | 41.6 | 39. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 562
NORTH PLATTE, NEBRASKA

19 APRIL 1979
1105 GMT

155 15. 0

| TIME MIN | CNCT | HEIGHT GPM | PRES MS | TEMP DG C | DEV PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MI RTO CM/KG | RM PCT | RANGE K4 | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 15.2 | 667.0 | 909.6 | 15.6 | 13.1 | 120.0 | 5.1 | -4.4 | 2.5 | 296.7 | 324.5 | 10.5 | 85.0 | 0.0 | 0. |
| 99.3 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.2 | 16.1 | 937.5 | 900.0 | 15.9 | 15.3 | 215.3 | 6.5 | 3.8 | 5.3 | 297.9 | 330.7 | 12.4 | 97.5 | 0.5 | 307. |
| 0.3 | 16.5 | 1177.4 | 875.0 | 16.7 | 14.5 | 165.2 | 11.5 | -2.9 | 11.2 | 299.1 | 330.9 | 12.0 | 98.7 | 0.6 | 321. |
| 1.6 | 21.0 | 1423.1 | 850.0 | 14.1 | 13.9 | 136.0 | 19.2 | -13.4 | 13.8 | 300.9 | 332.8 | 11.9 | 98.6 | 1.4 | 320. |
| 2.4 | 23.5 | 1675.7 | 825.0 | 12.8 | 12.5 | 138.5 | 17.1 | -11.3 | 12.8 | 302.1 | 332.2 | 11.1 | 98.2 | 2.3 | 319. |
| 3.4 | 24.6 | 1934.3 | 800.0 | 11.3 | 10.9 | 152.5 | 15.8 | -7.3 | 14.0 | 303.2 | 331.3 | 10.3 | 97.8 | 3.2 | 319. |
| 4.4 | 28.6 | 2199.5 | 775.0 | 13.1 | -38.1 | 999.9 | 99.9 | 99.9 | 99.9 | 307.9 | 309.0 | 0.3 | 3.2 | 999.9 | 999.9 |
| 5.6 | 31.2 | 2476.1 | 750.0 | 14.2 | -41.2 | 999.9 | 99.9 | 99.9 | 99.9 | 312.0 | 312.4 | 0.1 | 1.0 | 999.9 | 999.9 |
| 6.4 | 33.8 | 2760.3 | 725.0 | 11.8 | -42.7 | 999.9 | 99.9 | 99.9 | 99.9 | 312.4 | 312.9 | 0.1 | 1.0 | 999.9 | 999.9 |
| 7.5 | 36.6 | 3051.9 | 700.0 | 9.3 | -44.2 | 999.9 | 99.9 | 99.9 | 99.9 | 312.8 | 313.2 | 0.1 | 1.0 | 999.9 | 999.9 |
| 8.4 | 39.3 | 3351.4 | 675.0 | 6.5 | -45.9 | 999.9 | 99.9 | 99.9 | 99.9 | 312.9 | 313.3 | 0.1 | 1.0 | 999.9 | 999.9 |
| 9.3 | 42.1 | 3659.0 | 650.0 | 3.5 | -47.8 | 999.9 | 99.9 | 99.9 | 99.9 | 313.0 | 313.3 | 0.1 | 1.0 | 999.9 | 999.9 |
| 10.1 | 45.0 | 3975.1 | 625.0 | 0.5 | -49.6 | 999.9 | 99.9 | 99.9 | 99.9 | 313.1 | 313.3 | 0.1 | 1.0 | 999.9 | 999.9 |
| 11.3 | 47.9 | 4300.5 | 600.0 | -2.7 | -51.8 | 999.9 | 99.9 | 99.9 | 99.9 | 313.0 | 314.0 | 0.3 | 5.7 | 999.9 | 999.9 |
| 12.2 | 50.9 | 4636.0 | 575.0 | -6.0 | -54.0 | 999.9 | 99.9 | 99.9 | 99.9 | 313.0 | 315.9 | 0.9 | 20.9 | 999.9 | 999.9 |
| 13.2 | 53.9 | 4952.1 | 550.0 | -9.3 | -56.3 | 999.9 | 99.9 | 99.9 | 99.9 | 313.0 | 316.4 | 1.1 | 31.0 | 999.9 | 999.9 |
| 14.1 | 56.9 | 5319.6 | 525.0 | -12.4 | -58.6 | 999.9 | 99.9 | 99.9 | 99.9 | 313.5 | 315.8 | 0.7 | 25.0 | 999.9 | 999.9 |
| 15.2 | 60.1 | 5710.3 | 500.0 | -15.3 | -60.9 | 999.9 | 99.9 | 99.9 | 99.9 | 314.5 | 315.1 | 0.2 | 7.5 | 999.9 | 999.9 |
| 16.4 | 63.4 | 6096.6 | 475.0 | -17.1 | -62.8 | 999.9 | 99.9 | 99.9 | 99.9 | 316.8 | 316.8 | 0.0 | 1.0 | 999.9 | 999.9 |
| 17.3 | 66.8 | 6499.3 | 450.0 | -20.3 | -64.8 | 999.9 | 99.9 | 99.9 | 99.9 | 317.8 | 317.9 | 0.0 | 1.0 | 999.9 | 999.9 |
| 19.7 | 70.1 | 6920.6 | 425.0 | -23.3 | -66.8 | 999.9 | 99.9 | 99.9 | 99.9 | 319.2 | 319.2 | 0.0 | 1.0 | 999.9 | 999.9 |
| 21.4 | 73.7 | 7361.9 | 400.0 | -26.4 | -68.8 | 999.9 | 99.9 | 99.9 | 99.9 | 320.7 | 320.7 | 0.0 | 1.0 | 999.9 | 999.9 |
| 23.3 | 77.4 | 7824.9 | 375.0 | -37.3 | -69.4 | 999.9 | 99.9 | 99.9 | 99.9 | 321.5 | 321.5 | 0.0 | 1.0 | 999.9 | 999.9 |
| 24.7 | 81.2 | 8311.8 | 350.0 | -33.9 | -71.8 | 999.9 | 99.9 | 99.9 | 99.9 | 323.0 | 323.0 | 0.0 | 1.0 | 999.9 | 999.9 |
| 26.5 | 85.2 | 8826.0 | 325.0 | -38.2 | -74.9 | 999.9 | 99.9 | 99.9 | 99.9 | 324.1 | 324.1 | 99.9 | 999.9 | 999.9 | 999.9 |
| 28.3 | 89.4 | 9371.6 | 300.0 | -42.6 | -78.9 | 999.9 | 99.9 | 99.9 | 99.9 | 325.3 | 325.3 | 99.9 | 999.9 | 999.9 | 999.9 |
| 30.7 | 93.8 | 9953.2 | 275.0 | -47.1 | -82.9 | 999.9 | 99.9 | 99.9 | 99.9 | 327.0 | 327.0 | 99.9 | 999.9 | 999.9 | 999.9 |
| 33.3 | 98.6 | 10577.0 | 250.0 | -52.1 | -86.9 | 99.9 | 99.9 | 99.9 | 99.9 | 328.6 | 328.6 | 99.9 | 999.9 | 99.9 | 25. |
| 35.3 | 103.6 | 11252.5 | 225.0 | -56.9 | -90.9 | 216.8 | 19.3 | 11.6 | 15.5 | 331.3 | 331.3 | 99.9 | 999.9 | 32.4 | 25. |
| 39.4 | 109.0 | 11937.4 | 200.0 | -62.7 | -94.9 | 220.8 | 18.2 | 11.9 | 13.8 | 333.5 | 333.5 | 99.9 | 999.9 | 35.6 | 27. |
| 42.2 | 114.9 | 12810.5 | 175.0 | -60.9 | -98.9 | 228.4 | 15.9 | 11.8 | 10.5 | 339.4 | 339.4 | 99.9 | 999.9 | 39.2 | 28. |
| 45.9 | 121.0 | 13771.6 | 150.0 | -60.5 | -99.9 | 240.7 | 15.1 | 13.2 | 7.4 | 365.9 | 365.9 | 99.9 | 999.9 | 42.2 | 31. |
| 49.4 | 128.0 | 14916.2 | 125.0 | -58.7 | -99.9 | 253.9 | 8.5 | 8.1 | 2.3 | 368.7 | 368.7 | 99.9 | 999.9 | 44.2 | 32. |
| 53.1 | 136.3 | 16305.6 | 100.0 | -50.9 | -99.9 | 296.6 | 7.6 | 6.8 | -3.4 | 410.1 | 410.1 | 99.9 | 999.9 | 45.3 | 35. |
| 41.2 | 145.3 | 16833.5 | 75.0 | -61.8 | -99.9 | 311.3 | 6.5 | 4.9 | -4.3 | 443.5 | 443.5 | 99.9 | 999.9 | 45.7 | 38. |
| 70.0 | 155.5 | 20610.2 | 50.0 | -58.4 | -99.9 | 320.5 | 3.9 | 2.5 | -3.0 | 506.0 | 506.0 | 99.9 | 999.9 | 45.0 | 41. |
| 83.4 | 165.7 | 25043.5 | 25.0 | -50.3 | -99.9 | 294.1 | 8.7 | 7.9 | -3.5 | 640.5 | 640.5 | 99.9 | 999.9 | 45.8 | 45. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 562
NORTH PLATTE, NEBRASKA

19 APRIL 1979
1405 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIA DG | SPEED M/SEC | 'J' COMP M/SEC | V COMP M/SEC | POT T DG X | E POT T DG K | MR RTO GN/KG | 3M PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-------------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 15.8 | 847.0 | 910.6 | 17.8 | 13.9 | 160.0 | 5.7 | -1.9 | 5.4 | 298.9 | 328.4 | 11.1 | 78.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.4 | 16.9 | 947.6 | 900.0 | 17.8 | 16.1 | 152.2 | 14.2 | -0.6 | 12.6 | 299.8 | 334.2 | 12.9 | 89.7 | 0.2 | 330. |
| 1.3 | 19.4 | 1188.7 | 875.0 | 15.8 | 15.1 | 183.9 | 14.9 | 1.0 | 14.9 | 300.2 | 331.5 | 12.5 | 95.0 | 0.8 | 345. |
| 2.1 | 21.8 | 1434.9 | 850.0 | 14.1 | 13.4 | 203.0 | 15.5 | 6.1 | 14.3 | 300.9 | 331.8 | 11.5 | 95.0 | 1.6 | 1. |
| 3.3 | 24.3 | 1496.9 | 825.0 | 12.1 | 11.3 | 204.0 | 14.0 | 5.7 | 12.8 | 301.4 | 329.2 | 10.3 | 98.8 | 2.5 | 7. |
| 4.1 | 26.9 | 1745.2 | 800.0 | 12.4 | 2.6 | 222.1 | 13.1 | 8.8 | 9.7 | 304.4 | 321.0 | 5.9 | 52.0 | 3.1 | 13. |
| 4.9 | 29.5 | 2211.3 | 775.0 | 12.6 | -17.0 | 234.9 | 9.6 | 7.8 | 5.5 | 307.3 | 311.7 | 1.4 | 12.4 | 3.5 | 18. |
| 5.5 | 37.1 | 2486.4 | 750.0 | 13.2 | -27.3 | 233.5 | 10.2 | 8.2 | 6.1 | 310.9 | 312.7 | 0.5 | 6.3 | 3.9 | 22. |
| 6.5 | 34.8 | 2769.8 | 725.0 | 11.1 | -25.0 | 220.5 | 12.9 | 6.4 | 9.8 | 311.7 | 314.0 | 0.7 | 6.1 | 4.4 | 26. |
| 7.4 | 37.6 | 3061.0 | 700.0 | 8.7 | -23.1 | 214.9 | 13.5 | 7.7 | 11.1 | 312.1 | 314.9 | 0.8 | 8.5 | 5.1 | 27. |
| 8.4 | 40.3 | 3359.9 | 675.0 | 6.0 | -22.0 | 211.1 | 13.7 | 7.1 | 11.7 | 312.4 | 315.5 | 1.0 | 11.2 | 5.9 | 28. |
| 9.1 | 43.1 | 3657.0 | 650.0 | 3.1 | -20.6 | 208.9 | 14.4 | 6.9 | 12.6 | 312.5 | 316.2 | 1.1 | 15.4 | 6.7 | 28. |
| 10.5 | 46.0 | 3992.7 | 625.0 | 0.2 | -21.1 | 206.8 | 14.5 | 6.1 | 13.1 | 312.7 | 316.3 | 1.1 | 18.4 | 7.7 | 28. |
| 11.7 | 49.0 | 4307.9 | 600.0 | -2.8 | -22.6 | 200.7 | 14.7 | 5.2 | 13.7 | 312.9 | 316.3 | 1.0 | 20.8 | 8.8 | 27. |
| 12.8 | 52.0 | 4643.4 | 575.0 | -5.7 | -20.9 | 198.5 | 16.9 | 5.4 | 16.0 | 313.4 | 317.1 | 0.9 | 25.9 | 11.0 | 26. |
| 14.0 | 55.0 | 4949.9 | 550.0 | -8.5 | -24.5 | 199.3 | 17.5 | 5.8 | 16.6 | 314.0 | 317.1 | 0.9 | 25.9 | 11.0 | 26. |
| 15.2 | 58.1 | 5348.3 | 525.0 | -11.7 | -29.6 | 200.6 | 15.8 | 5.6 | 14.8 | 314.4 | 316.5 | 0.6 | 20.8 | 12.2 | 25. |
| 16.4 | 61.4 | 5719.9 | 500.0 | -14.6 | -36.4 | 204.8 | 13.9 | 5.8 | 12.6 | 315.2 | 316.4 | 0.3 | 13.7 | 13.3 | 25. |
| 17.8 | 64.7 | 6106.3 | 475.0 | -17.0 | -56.0 | 214.5 | 14.3 | 8.1 | 11.8 | 316.9 | 317.0 | 0.0 | 1.9 | 14.4 | 25. |
| 19.2 | 63.1 | 6509.3 | 450.0 | -20.3 | -51.4 | 218.9 | 13.9 | 10.0 | 12.4 | 317.7 | 318.0 | 0.1 | 4.4 | 15.7 | 25. |
| 20.5 | 71.6 | 6929.9 | 425.0 | -23.4 | -51.7 | 215.8 | 16.4 | 9.6 | 13.3 | 319.0 | 319.3 | 0.1 | 5.5 | 16.9 | 27. |
| 21.9 | 75.2 | 7370.7 | 400.0 | -26.4 | -60.5 | 212.5 | 16.2 | 8.7 | 13.6 | 320.7 | 320.8 | 0.0 | 2.3 | 18.3 | 28. |
| 23.5 | 74.0 | 7433.4 | 375.0 | -30.2 | -61.8 | 209.6 | 15.6 | 7.7 | 13.6 | 321.6 | 321.7 | 0.0 | 2.8 | 19.7 | 28. |
| 25.2 | 82.9 | 8119.9 | 350.0 | -34.5 | -60.3 | 211.9 | 16.0 | 8.4 | 13.6 | 322.3 | 322.4 | 0.0 | 5.2 | 21.4 | 28. |
| 27.3 | 87.0 | 8333.6 | 325.0 | -39.5 | -59.9 | 214.9 | 18.0 | 10.3 | 14.8 | 323.6 | 323.6 | 99.9 | 999.9 | 23.4 | 29. |
| 29.2 | 91.2 | 9378.3 | 300.0 | -43.2 | -63.2 | 214.9 | 18.9 | 10.8 | 15.5 | 324.5 | 324.5 | 99.9 | 999.9 | 25.5 | 29. |
| 31.2 | 95.6 | 9758.2 | 275.0 | -48.0 | -69.9 | 218.5 | 17.9 | 11.2 | 14.0 | 325.7 | 325.7 | 99.9 | 999.9 | 27.7 | 30. |
| 33.3 | 100.4 | 10580.5 | 250.0 | -52.5 | -69.9 | 224.4 | 19.3 | 13.5 | 13.8 | 328.1 | 328.1 | 99.9 | 999.9 | 30.1 | 31. |
| 35.9 | 105.4 | 11255.1 | 225.0 | -54.6 | -69.9 | 225.3 | 21.5 | 15.3 | 15.1 | 331.8 | 331.8 | 99.9 | 999.9 | 33.1 | 32. |
| 38.2 | 110.8 | 11994.9 | 200.0 | -61.0 | -69.9 | 231.5 | 19.8 | 15.5 | 12.3 | 336.1 | 336.1 | 99.9 | 999.9 | 35.9 | 33. |
| 41.0 | 115.7 | 12921.8 | 175.0 | -58.7 | -69.9 | 235.6 | 15.8 | 13.0 | 8.9 | 353.1 | 353.1 | 99.9 | 999.9 | 38.5 | 34. |
| 44.1 | 123.0 | 13797.1 | 150.0 | -57.2 | -69.9 | 239.5 | 11.7 | 10.1 | 6.0 | 371.6 | 371.6 | 99.9 | 999.9 | 41.0 | 36. |
| 47.5 | 130.0 | 14944.2 | 125.0 | -59.8 | -69.9 | 258.4 | 6.8 | 6.6 | 1.4 | 386.7 | 386.7 | 99.9 | 999.9 | 42.5 | 37. |
| 52.0 | 139.3 | 16339.2 | 100.0 | -58.9 | -69.9 | 255.0 | 5.4 | 4.9 | -2.3 | 414.0 | 414.0 | 99.9 | 999.9 | 43.8 | 39. |
| 57.5 | 147.7 | 18123.4 | 75.0 | -60.3 | -60.9 | 999.9 | 99.9 | 99.9 | 99.9 | 446.5 | 446.5 | 99.9 | 999.9 | 999.9 | 999.9 |
| 64.5 | 158.0 | 20651.7 | 50.0 | -60.0 | -69.9 | 999.9 | 99.9 | 99.9 | 99.9 | 502.1 | 502.1 | 99.9 | 999.9 | 999.9 | 999.9 |
| 76.1 | 169.0 | 25382.4 | 25.0 | -51.1 | -69.9 | 999.9 | 99.9 | 99.9 | 99.9 | 637.6 | 637.6 | 99.9 | 999.9 | 999.9 | 999.9 |

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 542
NORTH PLATTE, NEBRASKA
19 APRIL 1979
1705 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DEG K | E POT S DEG K | MX RTO CM/NG | RM PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|-----------------|-----------|-------------|-----------|
| 0.2 | 15.0 | 947.0 | 999.2 | 25.0 | 12.9 | 190.0 | 7.7 | 1.3 | 7.6 | 306.4 | 335.1 | 10.4 | 47.0 | 0.0 | 0. |
| 99.2 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.1 | 15.9 | 935.9 | 900.0 | 22.1 | 12.2 | 192.0 | 8.2 | 0.4 | 8.2 | 304.3 | 331.8 | 10.0 | 53.7 | 0.2 | 17. |
| 1.3 | 18.4 | 1179.1 | 875.0 | 19.5 | 11.3 | 193.2 | 10.8 | 2.5 | 10.5 | 304.3 | 330.7 | 9.7 | 59.2 | 0.7 | 12. |
| 2.2 | 20.9 | 1428.1 | 850.0 | 17.5 | 10.9 | 194.1 | 10.0 | 2.4 | 9.7 | 304.5 | 331.2 | 9.7 | 65.2 | 1.3 | 14. |
| 3.2 | 23.5 | 1692.0 | 825.0 | 15.5 | 8.5 | 195.5 | 9.2 | 1.2 | 9.2 | 305.0 | 328.5 | 8.5 | 62.9 | 1.8 | 13. |
| 3.4 | 26.1 | 1943.3 | 800.0 | 14.0 | 1.9 | 196.4 | 9.6 | 2.7 | 9.2 | 306.1 | 322.2 | 5.7 | 44.9 | 2.2 | 12. |
| 4.6 | 28.7 | 2211.5 | 775.0 | 14.8 | -16.0 | 220.5 | 8.9 | 5.8 | 6.8 | 309.8 | 314.2 | 1.4 | 10.4 | 2.7 | 14. |
| 5.5 | 31.3 | 2487.2 | 750.0 | 12.3 | -15.2 | 227.3 | 9.9 | 7.3 | 6.7 | 310.0 | 314.9 | 1.6 | 13.1 | 3.1 | 20. |
| 6.5 | 34.9 | 2769.6 | 725.0 | 10.0 | -15.0 | 220.0 | 10.5 | 6.7 | 8.0 | 310.4 | 315.6 | 1.6 | 15.6 | 3.6 | 24. |
| 7.4 | 36.7 | 3060.4 | 700.0 | 7.9 | -14.4 | 215.1 | 13.6 | 7.8 | 11.1 | 311.2 | 316.8 | 1.8 | 18.8 | 4.2 | 25. |
| 8.4 | 39.5 | 3358.5 | 675.0 | 5.3 | -13.8 | 216.8 | 16.3 | 9.8 | 13.1 | 311.6 | 317.7 | 1.9 | 23.5 | 5.2 | 27. |
| 9.3 | 42.4 | 3665.0 | 650.0 | 2.3 | -13.3 | 216.2 | 17.5 | 10.3 | 14.1 | 311.6 | 318.2 | 2.1 | 30.4 | 6.1 | 29. |
| 10.4 | 45.2 | 3940.3 | 625.0 | -0.3 | -15.7 | 211.1 | 16.8 | 8.7 | 14.4 | 312.2 | 317.8 | 1.8 | 29.9 | 7.2 | 30. |
| 11.5 | 48.1 | 4305.2 | 600.0 | -3.1 | -16.3 | 200.2 | 17.7 | 6.1 | 16.6 | 312.5 | 318.1 | 1.8 | 35.3 | 8.4 | 29. |
| 12.7 | 51.1 | 4640.1 | 575.0 | -6.3 | -17.8 | 195.7 | 17.0 | 4.6 | 16.4 | 312.6 | 317.8 | 1.6 | 39.7 | 9.5 | 28. |
| 14.2 | 54.3 | 4996.1 | 550.0 | -8.4 | -29.6 | 202.3 | 17.6 | 6.8 | 16.5 | 314.1 | 316.1 | 0.6 | 16.1 | 10.9 | 26. |
| 15.2 | 57.4 | 5345.3 | 525.0 | -10.9 | -35.3 | 206.1 | 17.2 | 7.5 | 15.4 | 315.3 | 316.6 | 0.4 | 11.3 | 12.2 | 26. |
| 16.4 | 62.6 | 5718.2 | 500.0 | -13.9 | -37.8 | 208.5 | 15.2 | 6.8 | 13.6 | 316.1 | 317.2 | 0.3 | 11.1 | 13.3 | 26. |
| 17.5 | 63.9 | 6105.1 | 475.0 | -17.4 | -37.7 | 207.5 | 16.4 | 7.6 | 14.6 | 316.4 | 317.5 | 0.3 | 15.1 | 14.5 | 26. |
| 18.9 | 67.3 | 6507.3 | 450.0 | -21.1 | -38.1 | 210.8 | 17.2 | 8.8 | 14.7 | 316.7 | 317.8 | 0.3 | 19.9 | 15.7 | 27. |
| 20.1 | 70.7 | 6926.1 | 425.0 | -25.0 | -39.1 | 212.9 | 17.2 | 9.4 | 14.4 | 316.9 | 319.2 | 0.3 | 25.4 | 17.0 | 27. |
| 21.5 | 74.3 | 7363.6 | 400.0 | -29.1 | -43.4 | 213.8 | 19.0 | 10.6 | 15.8 | 318.4 | 319.0 | 0.2 | 21.5 | 18.4 | 27. |
| 22.3 | 78.0 | 7824.5 | 375.0 | -30.6 | -48.1 | 215.3 | 19.5 | 11.3 | 15.9 | 321.1 | 321.6 | 0.1 | 16.0 | 20.0 | 28. |
| 24.5 | 82.0 | 8311.0 | 350.0 | -34.6 | -50.5 | 216.2 | 21.2 | 12.5 | 17.1 | 322.1 | 322.5 | 0.1 | 17.8 | 22.0 | 29. |
| 26.1 | 86.0 | 8824.5 | 325.0 | -38.4 | -56.1 | 215.3 | 21.6 | 12.5 | 17.6 | 323.7 | 324.0 | 0.1 | 17.3 | 24.1 | 29. |
| 27.4 | 90.2 | 9370.0 | 300.0 | -42.9 | 99.9 | 210.7 | 19.9 | 10.2 | 17.1 | 324.9 | 999.9 | 99.9 | 999.9 | 26.2 | 30. |
| 29.5 | 94.8 | 9950.2 | 275.0 | -48.0 | 99.9 | 210.8 | 21.8 | 11.2 | 18.7 | 325.8 | 999.9 | 99.9 | 999.9 | 28.4 | 30. |
| 31.7 | 99.4 | 10572.4 | 250.0 | -52.6 | 99.9 | 214.1 | 23.2 | 13.0 | 19.2 | 327.8 | 999.9 | 99.9 | 999.9 | 31.2 | 30. |
| 33.7 | 104.4 | 11245.8 | 225.0 | -57.4 | 99.9 | 218.3 | 21.8 | 13.5 | 17.1 | 330.6 | 999.9 | 99.9 | 999.9 | 34.1 | 31. |
| 36.1 | 109.8 | 11986.3 | 200.0 | -59.0 | 99.9 | 217.6 | 19.9 | 12.1 | 15.8 | 339.4 | 999.9 | 99.9 | 999.9 | 37.1 | 31. |
| 39.1 | 115.8 | 12827.0 | 175.0 | -56.6 | 99.9 | 221.1 | 15.5 | 10.2 | 11.7 | 356.4 | 999.9 | 99.9 | 999.9 | 40.1 | 32. |
| 41.7 | 122.0 | 13903.1 | 150.0 | -57.1 | 99.9 | 231.9 | 12.0 | 9.5 | 7.4 | 371.8 | 999.9 | 99.9 | 999.9 | 42.3 | 32. |
| 45.4 | 129.3 | 14953.1 | 125.0 | -58.8 | 99.9 | 239.1 | 8.9 | 7.7 | 4.6 | 388.6 | 999.9 | 99.9 | 999.9 | 44.1 | 33. |
| 49.3 | 137.3 | 16148.4 | 100.0 | -60.7 | 99.9 | 268.5 | 5.0 | 5.0 | 0.1 | 410.5 | 999.9 | 99.9 | 999.9 | 45.5 | 35. |
| 54.3 | 147.0 | 18120.0 | 75.0 | -62.5 | 99.9 | 284.9 | 4.6 | 4.4 | -1.2 | 441.9 | 999.9 | 99.9 | 999.9 | 45.9 | 36. |
| 60.4 | 157.5 | 20649.3 | 50.0 | -57.2 | 99.9 | 299.8 | 2.9 | 2.6 | -11.4 | 508.9 | 999.9 | 99.9 | 999.9 | 46.1 | 38. |
| 71.7 | 168.3 | 25112.2 | 25.0 | -49.2 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 643.8 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 4 AND 10 DEG

* BY TEMP MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 562
NORTH PLATTS, ILLINOIS
19 APRIL 1979
2005 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 15.0 | 847.0 | 909.9 | 26.7 | -1.2 | 290.0 | 8.2 | 7.7 | -2.8 | 308.1 | 319.4 | 3.9 | 16.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.2 | 16.0 | 943.0 | 900.0 | 23.9 | 8.3 | 272.2 | 4.8 | 4.8 | -0.2 | 306.1 | 327.6 | 7.7 | 37.0 | 0.2 | 92. |
| 1.7 | 18.4 | 1188.2 | 875.0 | 21.5 | 7.0 | 258.8 | 5.1 | 5.0 | 1.0 | 306.1 | 326.4 | 7.2 | 39.1 | 0.3 | 90. |
| 1.9 | 21.0 | 1438.3 | 850.0 | 19.0 | 6.6 | 259.0 | 6.0 | 5.9 | 1.1 | 306.0 | 326.3 | 7.2 | 44.3 | 0.6 | 81. |
| 2.5 | 23.5 | 1623.9 | 825.0 | 16.7 | 6.1 | 258.6 | 7.1 | 7.1 | 0.2 | 306.2 | 326.5 | 7.2 | 49.6 | 0.9 | 83. |
| 3.3 | 26.1 | 1755.1 | 800.0 | 14.6 | 3.8 | 252.7 | 7.3 | 7.0 | 2.2 | 306.7 | 324.7 | 6.4 | 48.6 | 1.2 | 85. |
| 4.1 | 28.7 | 2222.9 | 775.0 | 13.3 | -4.4 | 224.2 | 7.6 | 5.3 | 5.4 | 308.1 | 318.7 | 3.6 | 29.1 | 1.5 | 78. |
| 5.1 | 31.3 | 2497.8 | 750.0 | 11.5 | -12.4 | 221.9 | 9.4 | 6.3 | 7.0 | 309.1 | 315.2 | 2.0 | 17.3 | 1.9 | 68. |
| 6.0 | 34.0 | 2779.6 | 725.0 | 9.3 | -12.4 | 220.3 | 10.5 | 6.8 | 8.0 | 309.7 | 315.8 | 2.0 | 19.8 | 2.4 | 63. |
| 7.7 | 36.8 | 3068.8 | 700.0 | 6.2 | -13.4 | 211.8 | 11.4 | 6.0 | 9.7 | 309.4 | 315.4 | 1.9 | 23.0 | 3.0 | 58. |
| 8.0 | 39.6 | 3365.4 | 675.0 | 3.6 | -13.7 | 203.4 | 12.5 | 5.0 | 11.5 | 309.7 | 315.8 | 2.0 | 26.8 | 3.7 | 52. |
| 9.1 | 42.3 | 3670.4 | 650.0 | 1.1 | -13.8 | 204.0 | 14.7 | 6.2 | 13.4 | 310.2 | 316.4 | 2.0 | 31.8 | 4.4 | 46. |
| 10.1 | 45.1 | 3934.1 | 625.0 | -1.8 | -13.6 | 204.4 | 14.6 | 6.5 | 13.1 | 310.4 | 316.4 | 2.1 | 39.8 | 5.3 | 43. |
| 11.3 | 48.1 | 4307.2 | 600.0 | -5.0 | -15.2 | 209.3 | 14.7 | 7.2 | 12.8 | 310.4 | 316.4 | 2.0 | 44.8 | 6.4 | 40. |
| 12.5 | 51.1 | 4641.4 | 575.0 | -8.4 | -19.7 | 207.2 | 16.0 | 7.3 | 14.2 | 313.7 | 311.5 | 0.6 | 12.6 | 7.4 | 39. |
| 13.4 | 54.3 | 4988.8 | 550.0 | -7.7 | -23.4 | 203.1 | 16.6 | 6.5 | 15.3 | 314.9 | 316.5 | 0.4 | 11.6 | 8.6 | 37. |
| 15.0 | 57.4 | 5348.7 | 525.0 | -10.7 | -32.8 | 201.9 | 19.1 | 7.1 | 17.8 | 315.6 | 317.2 | 0.5 | 14.1 | 9.9 | 35. |
| 16.2 | 62.4 | 5721.6 | 500.0 | -13.7 | -37.0 | 203.4 | 20.4 | 8.1 | 18.7 | 316.3 | 317.4 | 0.3 | 11.9 | 11.3 | 33. |
| 17.5 | 64.0 | 6109.1 | 475.0 | -17.0 | -40.7 | 206.4 | 20.2 | 9.0 | 18.1 | 317.0 | 317.8 | 0.2 | 10.6 | 12.9 | 32. |
| 19.0 | 67.4 | 6513.2 | 450.0 | -19.9 | -41.9 | 208.5 | 22.9 | 10.9 | 20.1 | 318.2 | 319.0 | 0.2 | 12.0 | 14.8 | 32. |
| 20.7 | 70.9 | 6914.5 | 425.0 | -23.1 | -43.6 | 210.5 | 22.2 | 11.3 | 19.1 | 319.3 | 320.0 | 0.2 | 13.2 | 17.2 | 31. |
| 22.4 | 74.5 | 7375.3 | 400.0 | -26.7 | -46.1 | 213.0 | 21.1 | 11.5 | 17.7 | 320.3 | 320.8 | 0.1 | 13.9 | 19.5 | 31. |
| 24.2 | 78.2 | 7937.5 | 375.0 | -30.6 | -47.0 | 218.3 | 21.2 | 13.1 | 16.6 | 321.1 | 321.6 | 0.1 | 18.1 | 21.5 | 32. |
| 25.6 | 82.0 | 8323.2 | 350.0 | -34.7 | -49.2 | 221.4 | 21.5 | 14.2 | 16.2 | 322.0 | 322.5 | 0.1 | 20.9 | 23.4 | 32. |
| 27.1 | 86.2 | 8836.0 | 325.0 | -38.7 | -52.5 | 221.7 | 21.4 | 14.2 | 16.0 | 323.4 | 323.7 | 0.1 | 21.5 | 25.6 | 33. |
| 29.3 | 90.3 | 9390.7 | 300.0 | -43.0 | 99.9 | 219.3 | 21.0 | 13.3 | 16.3 | 324.8 | 999.9 | 99.9 | 999.9 | 27.7 | 34. |
| 31.1 | 94.7 | 9960.7 | 275.0 | -47.7 | 99.9 | 217.3 | 20.8 | 12.6 | 16.5 | 326.2 | 999.9 | 99.9 | 999.9 | 30.3 | 34. |
| 33.5 | 99.4 | 10593.4 | 250.0 | -52.3 | 99.9 | 217.4 | 19.1 | 11.6 | 15.1 | 328.3 | 999.9 | 99.9 | 999.9 | 33.1 | 34. |
| 36.1 | 104.4 | 11256.9 | 225.0 | -57.4 | 99.9 | 218.4 | 20.7 | 12.9 | 16.2 | 330.6 | 999.9 | 99.9 | 999.9 | 36.0 | 35. |
| 38.5 | 109.5 | 11996.6 | 200.0 | -58.6 | 99.9 | 217.3 | 21.1 | 12.8 | 16.8 | 330.6 | 999.9 | 99.9 | 999.9 | 39.5 | 35. |
| 41.4 | 115.5 | 12834.5 | 175.0 | -59.4 | 99.9 | 220.3 | 16.0 | 10.4 | 12.2 | 353.5 | 999.9 | 99.9 | 999.9 | 42.4 | 35. |
| 44.9 | 121.7 | 13818.8 | 150.0 | -55.0 | 99.9 | 236.6 | 14.5 | 12.1 | 9.0 | 375.4 | 999.9 | 99.9 | 999.9 | 45.4 | 36. |
| 48.5 | 128.5 | 14972.7 | 125.0 | -58.1 | 99.9 | 251.8 | 10.5 | 10.0 | 3.3 | 389.9 | 999.9 | 99.9 | 999.9 | 47.7 | 38. |
| 53.1 | 136.3 | 16365.8 | 100.0 | -61.5 | 99.9 | 241.1 | 4.6 | 4.1 | 2.2 | 409.0 | 999.9 | 99.9 | 999.9 | 49.3 | 39. |
| 58.7 | 145.3 | 18140.9 | 75.0 | -62.6 | 99.9 | 249.5 | 4.0 | 3.7 | 1.4 | 441.8 | 999.9 | 99.9 | 999.9 | 50.2 | 40. |
| 58.0 | 155.5 | 20668.5 | 50.0 | -56.7 | 99.9 | 220.7 | 4.8 | 3.2 | 3.7 | 509.8 | 999.9 | 99.9 | 999.9 | 50.9 | 41. |
| 77.9 | 166.3 | 25140.6 | 25.0 | -48.9 | 99.9 | 275.1 | 5.5 | 5.5 | -0.5 | 644.4 | 999.9 | 99.9 | 999.9 | 51.9 | 44. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 562
NORTH PLATTE, NEBRASKA20 APRIL 1979
200 GMT

| TIME MIN | CNTCT | HEIGHT GPN | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO CM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 15.6 | 847.0 | 913.0 | 14.4 | 5.5 | 30.0 | 9.8 | -4.9 | -8.5 | 295.1 | 312.0 | 6.2 | 55.0 | 0.0 | 0. |
| 0.0 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 875.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 850.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 825.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 800.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 775.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 750.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 725.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 700.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 675.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 650.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 625.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 600.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 575.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 550.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 525.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 500.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 475.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 450.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 425.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 400.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 375.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 350.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 325.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 300.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 275.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 250.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 225.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 200.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 175.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 150.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 125.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 542
NORTH PLATTE, NEBRASKA20 APRIL 1979
500 GMT

154 17. 0

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T OG K | E POT T OG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 14.4 | 847.0 | 917.4 | 10.0 | 4.0 | 40.0 | 7.7 | -4.9 | -3.9 | 290.2 | 305.0 | 5.6 | 66.0 | 0.0 | 0. |
| 99.0 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.0 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.0 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.0 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.5 | 16.1 | 1006.0 | 900.0 | 8.3 | 5.1 | 25.1 | 11.6 | -4.9 | -10.5 | 290.1 | 306.4 | 6.1 | 80.2 | 0.3 | 208. |
| 1.5 | 18.5 | 1238.2 | 875.0 | 6.1 | 5.0 | 18.0 | 9.5 | -2.9 | -9.0 | 290.1 | 306.7 | 6.3 | 93.1 | 0.9 | 205. |
| 2.0 | 21.0 | 1275.3 | 850.0 | 4.1 | 4.0 | 13.1 | 11.4 | -2.6 | -11.1 | 290.5 | 306.4 | 6.0 | 99.1 | 1.3 | 202. |
| 3.0 | 23.6 | 1717.9 | 825.0 | 2.6 | 1.9 | 6.1 | 15.5 | -2.2 | -15.3 | 291.4 | 305.7 | 5.3 | 95.2 | 1.9 | 198. |
| 3.7 | 26.1 | 1969.8 | 800.0 | 7.3 | -11.1 | 6.2 | 12.8 | -1.9 | -17.7 | 299.0 | 305.0 | 2.0 | 25.6 | 2.7 | 195. |
| 4.4 | 28.9 | 2230.4 | 775.0 | 6.3 | -13.4 | 9.1 | 18.3 | -2.2 | -16.2 | 300.5 | 305.0 | 1.5 | 19.4 | 3.6 | 192. |
| 5.4 | 31.4 | 2498.2 | 750.0 | 4.2 | -13.4 | 9.1 | 15.6 | -2.4 | -15.4 | 301.2 | 306.6 | 1.8 | 26.3 | 4.3 | 192. |
| 6.2 | 34.1 | 2722.7 | 725.0 | 1.9 | -11.7 | 8.4 | 13.7 | -2.0 | -13.6 | 301.5 | 307.9 | 2.2 | 35.8 | 5.1 | 191. |
| 7.2 | 36.9 | 3354.1 | 700.0 | -1.7 | -6.2 | 9.6 | 10.4 | -1.7 | -10.3 | 300.6 | 309.2 | 2.9 | 61.1 | 5.8 | 191. |
| 8.5 | 39.7 | 3342.2 | 675.0 | -4.6 | -5.8 | 11.5 | 8.5 | -1.7 | -8.3 | 300.5 | 311.0 | 3.7 | 91.4 | 6.5 | 191. |
| 9.3 | 42.5 | 3681.0 | 650.0 | -3.1 | -3.7 | 75.8 | 3.6 | -3.5 | -0.9 | 305.5 | 319.0 | 4.7 | 100.4 | 7.0 | 191. |
| 11.0 | 45.4 | 3951.0 | 625.0 | -3.7 | -3.7 | 144.4 | 5.7 | -3.3 | 4.6 | 304.2 | 321.7 | 4.7 | 100.3 | 6.9 | 193. |
| 12.5 | 48.4 | 4273.8 | 600.0 | -5.6 | -5.8 | 172.5 | 8.8 | -1.1 | 8.7 | 309.6 | 321.8 | 4.1 | 92.6 | 6.3 | 196. |
| 13.5 | 51.4 | 4506.4 | 575.0 | -8.2 | -8.5 | 190.3 | 10.1 | 1.8 | 9.9 | 310.4 | 320.9 | 3.5 | 97.9 | 5.6 | 197. |
| 14.4 | 54.5 | 4950.4 | 550.0 | -17.8 | -10.9 | 196.1 | 8.4 | 2.3 | 8.1 | 311.3 | 320.5 | 3.0 | 99.2 | 5.0 | 199. |
| 15.7 | 57.6 | 5307.3 | 525.0 | -12.7 | -13.0 | 205.3 | 10.8 | 4.6 | 9.7 | 313.2 | 321.4 | 2.7 | 97.9 | 4.5 | 198. |
| 17.0 | 60.9 | 5698.1 | 500.0 | -15.3 | -15.7 | 204.9 | 14.5 | 6.1 | 13.2 | 314.4 | 321.4 | 2.3 | 96.8 | 3.5 | 195. |
| 18.1 | 63.1 | 6364.4 | 475.0 | -17.3 | -17.9 | 195.4 | 16.3 | 4.3 | 15.7 | 316.5 | 322.8 | 2.0 | 95.6 | 2.4 | 192. |
| 19.3 | 67.6 | 6667.0 | 450.0 | -21.3 | -23.5 | 99.9 | 99.9 | 99.9 | 99.9 | 316.5 | 320.6 | 1.2 | 80.2 | 999.9 | 999.9 |
| 21.7 | 71.1 | 6955.7 | 425.0 | -24.78 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 317.4 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 23.2 | 74.7 | 7344.2 | 400.0 | -27.98 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 318.7 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 24.7 | 78.5 | 7784.6 | 375.0 | -31.24 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 320.3 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 25.5 | 82.3 | 8269.9 | 350.0 | -35.08 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 321.6 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 28.7 | 86.3 | 8752.4 | 325.0 | -39.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 322.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 31.3 | 90.5 | 9327.1 | 300.0 | -42.9 | 99.9 | 199.6 | 32.4 | 10.9 | 30.5 | 325.0 | 999.9 | 99.9 | 999.9 | 14.0 | 13. |
| 33.4 | 95.0 | 9908.4 | 275.0 | -47.0 | 99.9 | 199.6 | 32.1 | 10.8 | 30.3 | 327.2 | 999.9 | 99.9 | 999.9 | 23.9 | 15. |
| 36.3 | 99.6 | 10332.2 | 250.0 | -52.5 | 99.9 | 192.5 | 29.6 | 6.4 | 28.9 | 328.1 | 999.9 | 99.9 | 999.9 | 29.3 | 15. |
| 38.5 | 104.6 | 11204.0 | 225.0 | -58.1 | 99.9 | 193.6 | 31.5 | 7.4 | 30.6 | 329.5 | 999.9 | 99.9 | 999.9 | 32.6 | 15. |
| 41.0 | 109.9 | 11939.1 | 200.0 | -60.5 | 99.9 | 199.2 | 31.8 | 10.5 | 30.0 | 337.0 | 999.9 | 99.9 | 999.9 | 37.2 | 15. |
| 44.0 | 115.6 | 12776.6 | 175.0 | -56.6 | 99.9 | 210.8 | 25.6 | 13.1 | 22.0 | 356.6 | 999.9 | 99.9 | 999.9 | 42.2 | 16. |
| 47.5 | 121.8 | 13761.2 | 150.0 | -54.7 | 99.9 | 228.1 | 15.9 | 11.8 | 10.6 | 375.8 | 999.9 | 99.9 | 999.9 | 46.7 | 19. |
| 51.1 | 128.5 | 14719.6 | 125.0 | -58.4 | 99.9 | 225.2 | 9.9 | 7.0 | 7.0 | 399.4 | 999.9 | 99.9 | 999.9 | 48.5 | 20. |
| 56.1 | 136.3 | 16301.9 | 100.0 | -63.5 | 99.9 | 168.9 | 6.9 | -1.3 | 6.8 | 405.1 | 999.9 | 99.9 | 999.9 | 50.8 | 20. |
| 62.2 | 145.0 | 19079.6 | 75.0 | -62.5 | 99.9 | 233.0 | 3.8 | 3.0 | 2.3 | 441.9 | 999.9 | 99.9 | 999.9 | 51.8 | 19. |
| 70.7 | 155.0 | 23584.6 | 50.0 | -59.9 | 99.9 | 286.1 | 3.5 | 3.4 | -1.0 | 502.4 | 999.9 | 99.9 | 999.9 | 52.1 | 20. |
| 83.7 | 165.0 | 24071.3 | 25.0 | -54.2 | 99.9 | 342.0 | 7.6 | 2.3 | -7.2 | 628.9 | 999.9 | 99.9 | 999.9 | 51.1 | 23. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 562
NORTH PLATTE, NEBRASKA20 APRIL 1979
805 GMT

197 19. 0

| TIME MIN | CHTCY | HEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | W/SEC | W/SEC | V COMP M/SEC | POT T DEG K | E POT T DEG K | WX RTO GM/KG | RH PCY | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-------|-------|-----------------|----------------|------------------|-----------------|-----------|-------------|-----------|
| 0.0 | 13.7 | 807.0 | 920.4 | 8.3 | 3.9 | 350.0 | 0.2 | 1.4 | -0.1 | 288.2 | 302.8 | 302.8 | 5.5 | 74.0 | 0.0 | 0. |
| 00.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 00.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.6 | 15.7 | 1011.9 | 900.0 | 6.6 | 4.6 | 342.1 | 15.0 | 4.6 | -14.3 | 288.4 | 304.0 | 304.0 | 5.9 | 85.8 | 1.4 | 162. |
| 1.5 | 19.2 | 1262.7 | 875.0 | 4.6 | 4.0 | 341.2 | 15.7 | 4.8 | -13.9 | 288.6 | 304.0 | 304.0 | 5.9 | 85.8 | 1.4 | 162. |
| 2.2 | 20.7 | 1498.7 | 850.0 | 7.3 | 2.8 | 341.1 | 17.6 | 5.7 | -16.6 | 289.6 | 304.3 | 304.3 | 5.5 | 94.9 | 1.8 | 161. |
| 3.2 | 23.2 | 1741.5 | 825.0 | 3.8 | -1.4 | 341.8 | 16.4 | 5.1 | -15.6 | 292.6 | 304.1 | 304.1 | 4.2 | 88.5 | 2.8 | 161. |
| 4.1 | 25.8 | 1991.2 | 800.0 | 2.2 | -2.1 | 345.0 | 14.2 | 3.7 | -13.7 | 293.5 | 304.8 | 304.8 | 4.1 | 73.3 | 3.6 | 162. |
| 5.1 | 29.3 | 2247.1 | 775.0 | 0.7 | -2.9 | 349.6 | 15.5 | 2.8 | -15.3 | 294.5 | 305.6 | 305.6 | 4.0 | 76.7 | 4.4 | 163. |
| 6.1 | 31.0 | 2509.8 | 750.0 | -1.2 | -4.4 | 351.3 | 15.9 | 2.4 | -15.7 | 295.3 | 305.6 | 305.6 | 3.7 | 78.8 | 5.5 | 164. |
| 7.1 | 33.7 | 2779.4 | 725.0 | -2.9 | -5.9 | 348.7 | 16.0 | 3.1 | -15.7 | 296.3 | 305.9 | 305.9 | 3.4 | 79.6 | 6.4 | 165. |
| 8.2 | 36.4 | 3057.3 | 700.0 | -4.0 | -7.2 | 344.9 | 12.6 | 3.3 | -12.2 | 298.1 | 313.2 | 313.2 | 4.0 | 89.7 | 6.1 | 165. |
| 9.4 | 39.2 | 3344.9 | 675.0 | -3.4 | -4.9 | 303.8 | 9.6 | 4.6 | -3.1 | 303.2 | 314.6 | 314.6 | 4.0 | 100.0 | 8.1 | 166. |
| 10.3 | 42.0 | 3643.1 | 650.0 | -5.1 | -5.1 | 213.2 | 6.1 | 3.3 | 5.1 | 303.2 | 318.6 | 318.6 | 4.1 | 99.9 | 7.6 | 158. |
| 11.3 | 44.9 | 3951.6 | 625.0 | -5.5 | -5.5 | 196.8 | 12.2 | 3.5 | 11.7 | 306.2 | 318.6 | 318.6 | 3.7 | 99.9 | 7.6 | 158. |
| 12.2 | 47.9 | 4271.6 | 600.0 | -7.2 | -7.3 | 200.6 | 16.5 | 5.8 | 15.4 | 307.7 | 318.6 | 318.6 | 3.7 | 99.9 | 7.6 | 158. |
| 13.1 | 50.8 | 4632.6 | 575.0 | -9.1 | -9.2 | 205.4 | 19.8 | 7.5 | 18.4 | 309.3 | 319.2 | 319.2 | 3.3 | 99.4 | 6.3 | 151. |
| 14.1 | 53.9 | 4945.8 | 550.0 | -10.8 | -10.9 | 205.4 | 23.5 | 10.1 | 21.2 | 311.3 | 320.5 | 320.5 | 3.0 | 99.1 | 5.6 | 142. |
| 15.1 | 57.0 | 5300.7 | 525.0 | -15.1 | -17.7 | 202.9 | 28.3 | 11.0 | 26.0 | 310.3 | 315.9 | 315.9 | 1.8 | 83.4 | 5.1 | 125. |
| 16.4 | 62.3 | 5667.7 | 500.0 | -18.3 | -23.6 | 201.1 | 28.3 | 10.2 | 26.4 | 310.7 | 314.4 | 314.4 | 1.1 | 63.3 | 5.1 | 99. |
| 17.5 | 63.5 | 6048.6 | 475.0 | -21.3 | -28.4 | 200.2 | 26.8 | 9.3 | 25.2 | 311.6 | 314.1 | 314.1 | 0.8 | 52.0 | 6.1 | 76. |
| 19.4 | 65.9 | 6445.4 | 450.0 | -23.6 | -33.2 | 195.4 | 23.6 | 6.3 | 22.8 | 313.6 | 315.3 | 315.3 | 0.5 | 40.8 | 7.6 | 60. |
| 20.9 | 70.3 | 6861.3 | 425.0 | -26.1 | -35.6 | 202.7 | 21.0 | 8.1 | 19.4 | 315.5 | 317.8 | 317.8 | 0.4 | 40.2 | 9.1 | 52. |
| 22.4 | 74.0 | 7296.5 | 400.0 | -30.0 | -42.4 | 211.1 | 22.9 | 11.8 | 19.6 | 316.0 | 316.8 | 316.8 | 0.2 | 28.5 | 10.8 | 48. |
| 23.9 | 77.7 | 7752.1 | 375.0 | -34.0 | -47.8 | 212.5 | 27.8 | 15.0 | 23.4 | 316.6 | 316.6 | 316.6 | 0.0 | 1.0 | 13.0 | 45. |
| 25.3 | 81.5 | 8232.0 | 350.0 | -37.2 | -51.0 | 206.6 | 29.0 | 13.0 | 25.9 | 318.6 | 318.6 | 318.6 | 0.0 | 1.0 | 13.0 | 45. |
| 27.0 | 85.5 | 8740.5 | 325.0 | -40.5 | -54.9 | 201.5 | 33.6 | 12.3 | 31.2 | 320.9 | 323.3 | 323.3 | 99.9 | 99.9 | 18.3 | 40. |
| 28.5 | 93.7 | 9282.3 | 300.0 | -44.0 | -59.9 | 201.3 | 38.1 | 13.8 | 35.5 | 323.3 | 323.3 | 323.3 | 99.9 | 99.9 | 22.3 | 37. |
| 30.5 | 94.2 | 9660.1 | 275.0 | -48.7 | -64.7 | 200.8 | 37.2 | 13.2 | 36.8 | 323.7 | 323.7 | 323.7 | 99.9 | 99.9 | 25.6 | 34. |
| 33.7 | 95.8 | 10479.5 | 250.0 | -53.8 | -69.9 | 200.0 | 38.5 | 13.2 | 36.2 | 326.1 | 326.1 | 326.1 | 99.9 | 99.9 | 31.4 | 32. |
| 35.6 | 103.8 | 11150.9 | 225.0 | -56.6 | -74.0 | 203.6 | 37.1 | 14.8 | 36.0 | 331.8 | 331.8 | 331.8 | 99.9 | 99.9 | 37.0 | 30. |
| 38.3 | 109.2 | 11993.9 | 200.0 | -53.5 | -69.9 | 210.0 | 26.8 | 13.4 | 23.2 | 348.1 | 348.1 | 348.1 | 99.9 | 99.9 | 42.3 | 30. |
| 41.3 | 115.0 | 12740.8 | 175.0 | -55.6 | -69.9 | 208.1 | 20.4 | 9.6 | 18.0 | 350.2 | 350.2 | 350.2 | 99.9 | 99.9 | 46.5 | 38. |
| 45.3 | 121.5 | 13741.4 | 150.0 | -57.0 | -69.9 | 225.2 | 16.0 | 11.3 | 11.3 | 371.9 | 371.9 | 371.9 | 99.9 | 99.9 | 50.8 | 38. |
| 49.3 | 128.5 | 14892.8 | 125.0 | -59.6 | -69.9 | 199.0 | 9.1 | 3.0 | 8.6 | 387.1 | 387.1 | 387.1 | 99.9 | 99.9 | 55.5 | 31. |
| 54.0 | 136.7 | 16270.1 | 100.0 | -63.5 | -69.9 | 186.7 | 9.7 | 1.1 | 9.6 | 405.1 | 405.1 | 405.1 | 99.9 | 99.9 | 55.5 | 29. |
| 60.2 | 146.0 | 18042.0 | 75.0 | -65.1 | -69.9 | 246.0 | 4.9 | 4.5 | 2.0 | 436.4 | 436.4 | 436.4 | 99.9 | 99.9 | 58.8 | 30. |
| 68.1 | 156.0 | 20545.1 | 50.0 | -61.2 | -69.9 | 307.3 | 5.5 | 4.4 | -3.3 | 499.3 | 499.3 | 499.3 | 99.9 | 99.9 | 54.9 | 31. |
| 81.3 | 166.5 | 24928.0 | 25.0 | -52.8 | -69.9 | 304.4 | 7.7 | 6.3 | -4.3 | 633.2 | 633.2 | 633.2 | 99.9 | 99.9 | 57.2 | 35. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 562
NORTH PLATTE, NEBRASKA

20 APRIL 1979
1105 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | J COMP M/SEC | V COMP M/SEC | POF T DG K | E POT T DG K | MX RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 14.5 | 847.0 | 921.1 | 7.2 | 3.3 | 320.0 | 6.7 | 4.3 | -5.1 | 297.0 | 300.9 | 5.3 | 75.0 | 0.0 | 0. |
| 0.1 | 99.9 | 99.9 | 1005.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999. |
| 0.2 | 99.9 | 99.9 | 975.1 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999. |
| 0.3 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999. |
| 0.4 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999. |
| 0.5 | 16.6 | 1038.1 | 900.0 | 6.6 | 4.0 | 335.2 | 13.6 | 5.7 | -12.4 | 288.3 | 304.0 | 6.0 | 89.1 | 0.5 | 156. |
| 1.0 | 19.1 | 1268.7 | 875.0 | 4.4 | 2.7 | 336.2 | 15.1 | 6.1 | -13.9 | 288.4 | 303.7 | 5.8 | 97.0 | 1.2 | 155. |
| 2.1 | 21.6 | 1535.1 | 950.0 | 4.9 | 2.7 | 344.2 | 16.4 | 4.5 | -15.8 | 291.3 | 306.0 | 5.5 | 85.9 | 1.9 | 156. |
| 3.3 | 24.1 | 1749.2 | 925.0 | 5.3 | -0.4 | 345.8 | 12.7 | 3.1 | -12.4 | 294.2 | 306.6 | 4.5 | 65.8 | 2.6 | 159. |
| 3.7 | 26.7 | 2020.5 | 900.0 | 4.4 | -0.5 | 342.1 | 11.9 | 3.7 | -11.3 | 295.8 | 305.4 | 3.4 | 52.2 | 3.1 | 162. |
| 4.4 | 29.1 | 2251.2 | 775.0 | 2.4 | -0.4 | 344.6 | 12.2 | 3.3 | -11.8 | 296.4 | 305.2 | 3.1 | 52.1 | 3.7 | 160. |
| 5.5 | 31.9 | 2523.2 | 750.0 | 0.3 | -0.7 | 341.9 | 13.7 | 4.3 | -13.0 | 296.9 | 304.5 | 2.6 | 50.7 | 4.3 | 161. |
| 6.4 | 34.7 | 2793.6 | 725.0 | -1.2 | -10.1 | 331.6 | 17.0 | 8.1 | -16.9 | 299.1 | 305.2 | 2.5 | 50.9 | 5.1 | 161. |
| 7.1 | 37.3 | 3072.8 | 700.0 | -2.7 | -10.6 | 322.6 | 17.3 | 10.5 | -13.7 | 299.5 | 306.6 | 2.4 | 50.1 | 6.1 | 158. |
| 8.2 | 40.2 | 3360.4 | 675.0 | -4.8 | -9.9 | 321.0 | 14.7 | 9.3 | -11.5 | 300.3 | 308.1 | 2.7 | 67.6 | 6.9 | 156. |
| 9.2 | 43.0 | 3650.0 | 650.0 | -7.3 | -8.8 | 306.0 | 8.5 | 6.9 | -5.0 | 300.7 | 308.8 | 2.8 | 81.8 | 7.6 | 154. |
| 10.3 | 45.9 | 3961.3 | 625.0 | -8.4 | -8.6 | 226.1 | 6.9 | 6.5 | 2.0 | 302.8 | 312.1 | 3.2 | 98.6 | 7.9 | 152. |
| 11.2 | 49.9 | 4278.0 | 500.0 | -9.7 | -9.7 | 226.1 | 11.9 | 8.6 | 8.3 | 304.9 | 313.9 | 3.1 | 99.7 | 7.7 | 149. |
| 12.2 | 51.9 | 4635.6 | 575.0 | -11.8 | -12.4 | 220.9 | 16.2 | 10.6 | 12.2 | 306.1 | 313.8 | 2.6 | 95.3 | 7.6 | 143. |
| 13.1 | 54.9 | 4948.8 | 550.0 | -14.4 | -15.5 | 217.1 | 19.3 | 11.6 | 15.4 | 307.0 | 313.3 | 2.1 | 91.7 | 7.4 | 135. |
| 14.7 | 58.0 | 5295.8 | 525.0 | -17.5 | -18.6 | 214.0 | 22.0 | 12.3 | 18.3 | 307.4 | 312.6 | 1.7 | 90.6 | 7.3 | 126. |
| 15.1 | 61.1 | 5650.7 | 500.0 | -19.9 | -20.6 | 213.7 | 26.3 | 14.6 | 21.9 | 310.0 | 311.1 | 0.3 | 19.9 | 7.5 | 111. |
| 16.5 | 64.6 | 6041.2 | 475.0 | -21.4 | -24.4 | 210.3 | 27.1 | 13.7 | 23.4 | 311.5 | 312.0 | 0.2 | 10.4 | 8.1 | 98. |
| 17.5 | 67.9 | 6437.3 | 450.0 | -24.5 | -27.4 | 210.3 | 26.7 | 14.1 | 22.7 | 312.5 | 312.9 | 0.1 | 9.8 | 9.0 | 86. |
| 19.1 | 71.4 | 6950.4 | 425.0 | -28.3 | -31.7 | 212.4 | 26.2 | 14.0 | 22.1 | 312.8 | 313.2 | 0.1 | 11.9 | 10.6 | 76. |
| 20.7 | 75.7 | 7281.6 | 400.0 | -32.2 | -35.7 | 208.8 | 26.0 | 12.6 | 22.8 | 313.1 | 313.4 | 0.1 | 12.3 | 12.3 | 68. |
| 22.3 | 78.7 | 7734.6 | 375.0 | -35.0 | -38.8 | 213.8 | 28.0 | 15.5 | 23.3 | 315.3 | 315.5 | 0.1 | 12.6 | 14.4 | 62. |
| 24.3 | 82.5 | 8213.9 | 350.0 | -37.3 | -41.5 | 214.7 | 34.6 | 19.7 | 28.4 | 318.5 | 318.7 | 0.1 | 12.8 | 17.3 | 57. |
| 25.7 | 86.5 | 8724.0 | 325.0 | -39.0 | -43.1 | 209.9 | 41.6 | 20.7 | 36.1 | 322.9 | 322.9 | 99.9 | 99.9 | 20.9 | 53. |
| 27.1 | 90.7 | 9268.5 | 300.0 | -43.1 | -45.9 | 208.2 | 42.2 | 20.0 | 37.2 | 324.7 | 324.7 | 99.9 | 99.9 | 25.3 | 48. |
| 29.3 | 95.2 | 9888.9 | 275.0 | -47.5 | -49.9 | 204.8 | 41.5 | 17.4 | 37.7 | 326.5 | 326.5 | 99.9 | 99.9 | 29.5 | 45. |
| 31.3 | 99.8 | 10474.2 | 250.0 | -52.7 | -54.9 | 203.6 | 40.0 | 16.0 | 36.6 | 330.7 | 330.7 | 99.9 | 99.9 | 34.0 | 42. |
| 33.4 | 104.8 | 11157.6 | 225.0 | -54.0 | -56.9 | 207.8 | 36.4 | 17.0 | 32.2 | 335.7 | 335.7 | 99.9 | 99.9 | 39.1 | 40. |
| 35.4 | 110.0 | 11910.2 | 200.0 | -53.7 | -56.9 | 217.3 | 29.6 | 17.9 | 23.5 | 347.8 | 347.8 | 99.9 | 99.9 | 43.4 | 39. |
| 38.7 | 115.9 | 12769.6 | 175.0 | -52.8 | -56.9 | 210.7 | 20.0 | 10.2 | 17.2 | 362.8 | 362.8 | 99.9 | 99.9 | 47.7 | 39. |
| 42.3 | 122.0 | 13760.5 | 150.0 | -50.3 | -54.9 | 211.0 | 15.3 | 7.9 | 13.1 | 376.5 | 376.5 | 99.9 | 99.9 | 50.8 | 38. |
| 45.4 | 129.0 | 14915.2 | 125.0 | -50.2 | -54.9 | 217.4 | 12.2 | 7.4 | 9.7 | 397.9 | 397.9 | 99.9 | 99.9 | 53.8 | 38. |
| 49.7 | 137.0 | 16310.4 | 100.0 | -61.7 | -64.9 | 245.2 | 7.9 | 7.1 | 3.3 | 408.5 | 408.5 | 99.9 | 99.9 | 54.0 | 38. |
| 55.3 | 146.0 | 19092.3 | 75.0 | -63.7 | -64.9 | 230.3 | 6.0 | 4.7 | 3.9 | 439.4 | 439.4 | 99.9 | 99.9 | 57.9 | 39. |
| 62.5 | 156.0 | 20609.5 | 50.0 | -59.5 | -64.9 | 201.1 | 4.6 | 4.0 | -2.4 | 503.3 | 503.3 | 99.9 | 99.9 | 59.3 | 41. |
| 75.2 | 167.0 | 25032.5 | 25.0 | -52.4 | -64.9 | 328.2 | 6.9 | 3.6 | -5.9 | 834.1 | 834.1 | 99.9 | 99.9 | 57.6 | 44. |

• BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

• BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

• BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

APPENDIX II

AVE-SESAME II Sounding Data
of Questionable Validity
Presented at 25-mb Intervals

STATION NO. 1
 ABILENE, TEXAS

 20 APRIL 1979
 205 GMT

| TIME MIN | CATCT | HEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | PCT T DEG C | E PCT T DEG C | MI RTO GM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|---------------|-----------------|-----------|----------------|-----------------|-----------------|----------------|------------------|-----------------|-----------|-------------|----------|
| 0.0 | 11.0 | 537.0 | 949.0 | 21.7 | 17.5 | 959.9 | 55.9 | 59.9 | 53.9 | 255.3 | 338.8 | 12.4 | 77.5 | 999.9 | 999.9 |
| 5.0 | 55.9 | 99.9 | 1030.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 55.9 | 99.9 | 599.5 | 999.9 | 999.9 |
| 5.0 | 55.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 55.9 | 99.9 | 599.5 | 999.9 | 999.9 |
| 5.0 | 55.9 | 99.9 | 953.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 599.5 | 999.9 | 999.9 |
| 0.0 | 13.3 | 761.1 | 925.0 | 23.4 | 15.1 | 959.9 | 53.9 | 59.9 | 99.9 | 303.2 | 335.1 | 11.8 | 59.2 | 999.9 | 999.9 |
| 1.0 | 15.4 | 1000.1 | 953.0 | 21.9 | 13.0 | 959.9 | 99.9 | 99.9 | 99.9 | 264.0 | 322.9 | 12.5 | 57.1 | 999.9 | 999.9 |
| 2.7 | 18.0 | 1243.0 | 875.0 | 19.6 | 12.0 | 959.9 | 99.9 | 99.9 | 99.9 | 204.1 | 331.9 | 10.1 | 61.4 | 999.9 | 999.9 |
| 3.7 | 20.4 | 1433.2 | 853.0 | 18.4 | 9.3 | 959.9 | 99.9 | 99.9 | 99.9 | 203.5 | 323.6 | 8.7 | 55.1 | 999.9 | 999.9 |
| 4.7 | 22.9 | 1745.3 | 825.0 | 19.1 | 8.7 | 959.9 | 99.9 | 99.9 | 99.9 | 231.9 | 331.9 | 2.6 | 54.1 | 999.9 | 999.9 |
| 5.7 | 25.4 | 2012.5 | 800.0 | 16.5 | 7.4 | 959.9 | 99.9 | 99.9 | 99.9 | 232.8 | 331.7 | 2.1 | 54.7 | 999.9 | 999.9 |
| 6.7 | 27.9 | 2291.7 | 775.0 | 13.4 | 4.8 | 959.9 | 99.9 | 99.9 | 99.9 | 233.3 | 322.1 | 7.0 | 55.8 | 999.9 | 999.9 |
| 7.7 | 30.5 | 2557.3 | 750.0 | 11.3 | 2.0 | 959.9 | 99.9 | 99.9 | 99.9 | 233.8 | 325.9 | 2.9 | 52.8 | 999.9 | 999.9 |
| 8.7 | 33.1 | 2839.6 | 725.0 | 9.3 | 0.7 | 959.9 | 99.9 | 99.9 | 99.9 | 239.7 | 325.9 | 2.6 | 54.2 | 999.9 | 999.9 |
| 9.9 | 35.4 | 3125.9 | 700.0 | 5.5 | -0.7 | 999.9 | 99.9 | 99.9 | 99.9 | 238.6 | 323.7 | 2.2 | 64.2 | 999.9 | 999.9 |
| 10.3 | 38.4 | 3425.0 | 675.0 | 3.7 | -3.5 | 959.9 | 99.9 | 99.9 | 99.9 | 235.2 | 322.7 | 4.4 | 59.2 | 999.9 | 999.9 |
| 12.0 | 41.2 | 3731.0 | 650.0 | 1.0 | -5.1 | 999.9 | 99.9 | 99.9 | 99.9 | 210.1 | 322.1 | 4.0 | 63.5 | 999.9 | 999.9 |
| 13.1 | 42.9 | 4046.0 | 625.0 | -0.0 | -6.6 | 959.9 | 99.9 | 99.9 | 99.9 | 212.4 | 323.6 | 3.7 | 60.5 | 999.9 | 999.9 |
| 14.2 | 45.9 | 4371.7 | 600.0 | -2.5 | -11.4 | 999.9 | 99.9 | 99.9 | 99.9 | 213.3 | 321.5 | 2.7 | 50.3 | 999.9 | 999.9 |
| 15.4 | 48.9 | 4728.6 | 575.0 | -4.1 | -14.0 | 959.9 | 99.9 | 99.9 | 99.9 | 215.2 | 322.2 | 2.2 | 46.2 | 999.9 | 999.9 |
| 16.7 | 52.4 | 5057.7 | 550.0 | -6.2 | -16.1 | 999.9 | 99.9 | 99.9 | 99.9 | 216.0 | 322.2 | 2.0 | 47.2 | 999.9 | 999.9 |
| 18.1 | 55.9 | 5419.5 | 525.0 | -9.1 | -13.4 | 959.9 | 99.9 | 99.9 | 99.9 | 217.4 | 325.5 | 2.6 | 71.1 | 999.9 | 999.9 |
| 19.3 | 58.0 | 5795.7 | 500.0 | -11.4 | -13.5 | 999.9 | 99.9 | 99.9 | 99.9 | 219.1 | 327.6 | 2.7 | 84.6 | 999.9 | 999.9 |
| 20.9 | 62.1 | 6142.0 | 475.0 | -14.2 | -12.4 | 959.9 | 99.9 | 99.9 | 99.9 | 219.1 | 327.6 | 1.9 | 66.5 | 999.9 | 999.9 |
| 22.3 | 65.5 | 6599.4 | 450.0 | -15.3 | -21.6 | 959.9 | 99.9 | 99.9 | 99.9 | 224.1 | 325.1 | 1.5 | 58.4 | 999.9 | 999.9 |
| 23.7 | 68.9 | 7027.3 | 425.0 | -18.6 | -24.0 | 959.9 | 99.9 | 99.9 | 99.9 | 225.1 | 325.4 | 1.3 | 62.2 | 999.9 | 999.9 |
| 25.2 | 72.4 | 7475.7 | 400.0 | -21.0 | -26.3 | 959.9 | 99.9 | 99.9 | 99.9 | 225.1 | 328.8 | 1.1 | 73.2 | 999.9 | 999.9 |
| 26.9 | 75.2 | 7945.7 | 375.0 | -23.9 | -31.1 | 999.9 | 99.9 | 99.9 | 99.9 | 227.3 | 328.0 | 0.8 | 61.2 | 999.9 | 999.9 |
| 28.5 | 80.0 | 8441.9 | 350.0 | -29.2 | -37.3 | 959.9 | 99.9 | 99.9 | 99.9 | 229.4 | 321.0 | 0.4 | 45.1 | 999.9 | 999.9 |
| 30.2 | 84.0 | 8966.7 | 325.0 | -34.0 | -41.8 | 959.9 | 99.9 | 99.9 | 99.9 | 229.9 | 321.0 | 0.3 | 44.2 | 999.9 | 999.9 |
| 32.0 | 88.2 | 9521.9 | 300.0 | -38.9 | 99.0 | 959.9 | 99.9 | 99.9 | 99.9 | 230.6 | 329.9 | 95.9 | 599.5 | 999.9 | 999.9 |
| 34.0 | 92.6 | 10112.5 | 275.0 | -43.9 | 99.9 | 959.9 | 99.9 | 99.9 | 99.9 | 231.7 | 329.9 | 95.9 | 599.5 | 999.9 | 999.9 |
| 36.3 | 97.2 | 10744.9 | 250.0 | -49.0 | 99.9 | 959.9 | 99.9 | 99.9 | 99.9 | 232.2 | 329.9 | 95.9 | 599.5 | 999.9 | 999.9 |
| 38.7 | 102.2 | 11431.5 | 225.0 | -52.5 | 99.9 | 959.9 | 99.9 | 99.9 | 99.9 | 232.1 | 329.9 | 95.9 | 599.5 | 999.9 | 999.9 |
| 40.9 | 107.6 | 12182.8 | 200.0 | -58.3 | 99.9 | 959.9 | 99.9 | 99.9 | 99.9 | 230.1 | 328.1 | 95.9 | 599.5 | 999.9 | 999.9 |
| 43.4 | 113.5 | 13016.8 | 175.0 | -60.4 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 228.2 | 325.9 | 99.9 | 599.5 | 999.9 | 999.9 |
| 46.5 | 120.0 | 14096.3 | 150.0 | -61.2 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 224.1 | 324.1 | 95.9 | 599.5 | 999.9 | 999.9 |
| 50.0 | 127.0 | 15096.9 | 125.0 | -63.6 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 219.9 | 324.1 | 95.9 | 599.5 | 999.9 | 999.9 |
| 55.9 | 55.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.5 | 999.9 | 999.9 |
| 59.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.5 | 999.9 | 999.9 |
| 55.9 | 55.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.5 | 999.9 | 999.9 |
| 99.9 | 55.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.5 | 999.9 | 999.9 |

 * BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 18 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 1
 ABILENE, TEXAS

 20 APRIL 1979
 1102 GMT

| TIME -MIN | CALCT | HEIGHT GPH | PRES PB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | PCT T DEG K | E POT T DEG K | WIND GPH | WIND PCT | RANGE KM | AZ DEG |
|--------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|----------------|------------------|-------------|-------------|-------------|-----------|
| 0.0 | 11.1 | 337.0 | 920.5 | 19.7 | 17.7 | 95.0 | 99.9 | 99.9 | 99.9 | 257.1 | 222.6 | 12.5 | 00.0 | 999.5 | 550 |
| 0.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.5 | 999 |
| 5.9 | 55.9 | 99.9 | 979.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.5 | 999 |
| 9.0 | 11.1 | 511.0 | 950.0 | 19.6 | 17.6 | 95.0 | 99.9 | 99.9 | 99.9 | 297.1 | 232.0 | 13.5 | 00.0 | 999.5 | 999 |
| 1.0 | 13.5 | 771.1 | 925.0 | 17.0 | 16.4 | 95.0 | 99.9 | 99.9 | 99.9 | 297.2 | 220.0 | 12.0 | 93.4 | 999.5 | 999 |
| 1.7 | 14.0 | 1005.4 | 905.0 | 16.2 | 15.2 | 99.9 | 99.9 | 99.9 | 99.9 | 308.3 | 220.0 | 12.2 | 93.7 | 999.5 | 999 |
| 2.6 | 16.6 | 1245.0 | 875.0 | 15.6 | 14.6 | 95.0 | 99.9 | 99.9 | 99.9 | 308.0 | 222.3 | 12.1 | 93.7 | 999.5 | 999 |
| 3.5 | 20.9 | 1492.7 | 850.0 | 15.0 | 13.6 | 95.0 | 99.9 | 99.9 | 99.9 | 302.7 | 234.0 | 11.9 | 00.3 | 999.5 | 999 |
| 4.4 | 23.9 | 1747.1 | 825.0 | 14.4 | 12.0 | 95.0 | 99.9 | 99.9 | 99.9 | 265.0 | 227.1 | 8.4 | 49.2 | 999.5 | 999 |
| 5.3 | 26.1 | 2008.8 | 800.0 | 13.8 | 11.2 | 95.0 | 99.9 | 99.9 | 99.9 | 308.0 | 324.3 | 8.7 | 49.4 | 999.5 | 999 |
| 6.2 | 28.7 | 2277.5 | 775.0 | 13.2 | 10.4 | 95.0 | 99.9 | 99.9 | 99.9 | 309.9 | 323.9 | 8.1 | 38.8 | 999.5 | 999 |
| 7.2 | 31.3 | 2553.6 | 750.0 | 12.3 | -0.3 | 95.0 | 99.9 | 99.9 | 99.9 | 309.9 | 321.0 | 7.7 | 31.2 | 999.5 | 999 |
| 8.2 | 34.0 | 2836.0 | 725.0 | 11.2 | -0.2 | 95.0 | 99.9 | 99.9 | 99.9 | 311.0 | 315.2 | 7.0 | 28.4 | 999.5 | 999 |
| 9.2 | 36.7 | 3127.4 | 700.0 | 7.7 | -0.4 | 99.9 | 99.9 | 99.9 | 99.9 | 311.0 | 218.9 | 6.9 | 34.7 | 999.5 | 999 |
| 10.2 | 39.4 | 3425.7 | 675.0 | 4.8 | -0.7 | 95.0 | 99.9 | 99.9 | 99.9 | 311.3 | 216.5 | 6.1 | 44.7 | 999.5 | 999 |
| 11.3 | 42.2 | 3732.0 | 650.0 | 2.0 | -0.7 | 95.0 | 99.9 | 99.9 | 99.9 | 311.3 | 216.5 | 5.1 | 51.3 | 999.5 | 999 |
| 12.4 | 45.1 | 4045.7 | 625.0 | -1.2 | -1.0 | 95.0 | 99.9 | 99.9 | 99.9 | 312.4 | 219.7 | 4.4 | 47.1 | 999.5 | 999 |
| 13.5 | 48.0 | 4370.6 | 600.0 | -3.2 | -1.9 | 95.0 | 99.9 | 99.9 | 99.9 | 312.4 | 215.0 | 3.6 | 1.6 | 999.5 | 999 |
| 14.7 | 51.1 | 4707.0 | 575.0 | -5.7 | -3.7 | 95.0 | 99.9 | 99.9 | 99.9 | 317.5 | 317.7 | 2.8 | 1.6 | 999.5 | 999 |
| 15.9 | 54.1 | 5056.7 | 550.0 | -8.6 | -5.5 | 95.0 | 99.9 | 99.9 | 99.9 | 317.5 | 317.7 | 2.0 | 1.6 | 999.5 | 999 |
| 17.2 | 57.3 | 5419.0 | 525.0 | -12.3 | -9.1 | 99.9 | 99.9 | 99.9 | 99.9 | 318.2 | 218.0 | 1.4 | 2.6 | 999.5 | 999 |
| 18.5 | 60.4 | 5794.0 | 500.0 | -15.3 | -12.3 | 99.9 | 99.9 | 99.9 | 99.9 | 318.2 | 218.0 | 1.4 | 1.6 | 999.5 | 999 |
| 19.7 | 63.6 | 6194.6 | 475.0 | -18.0 | -15.0 | 95.0 | 99.9 | 99.9 | 99.9 | 320.1 | 215.5 | 1.0 | 1.6 | 999.5 | 999 |
| 21.3 | 67.0 | 6592.4 | 450.0 | -21.9 | -18.4 | 95.0 | 99.9 | 99.9 | 99.9 | 320.1 | 220.2 | 1.0 | 1.6 | 999.5 | 999 |
| 22.7 | 70.4 | 7015.2 | 425.0 | -25.2 | -21.9 | 95.0 | 99.9 | 99.9 | 99.9 | 321.0 | 221.0 | 1.0 | 1.6 | 999.5 | 999 |
| 24.1 | 74.0 | 7457.4 | 400.0 | -28.2 | -25.2 | 95.0 | 99.9 | 99.9 | 99.9 | 322.2 | 223.3 | 0.5 | 24.6 | 999.5 | 999 |
| 25.6 | 77.7 | 7922.5 | 375.0 | -30.4 | -28.4 | 99.9 | 99.9 | 99.9 | 99.9 | 322.2 | 324.2 | 0.5 | 61.1 | 999.5 | 999 |
| 27.2 | 81.9 | 8412.7 | 350.0 | -32.8 | -30.9 | 95.0 | 99.9 | 99.9 | 99.9 | 325.7 | 325.9 | 0.1 | 15.5 | 999.5 | 999 |
| 28.8 | 85.5 | 8931.0 | 325.0 | -36.0 | -33.2 | 95.0 | 99.9 | 99.9 | 99.9 | 326.0 | 326.0 | 0.1 | 15.5 | 999.5 | 999 |
| 30.6 | 89.7 | 9479.7 | 300.0 | -41.5 | -36.0 | 95.0 | 99.9 | 99.9 | 99.9 | 329.7 | 329.7 | 0.1 | 15.5 | 999.5 | 999 |
| 32.6 | 94.2 | 10065.6 | 275.0 | -45.3 | -39.9 | 95.0 | 99.9 | 99.9 | 99.9 | 332.4 | 332.4 | 0.1 | 15.5 | 999.5 | 999 |
| 34.5 | 99.0 | 10692.4 | 250.0 | -49.6 | -43.9 | 95.0 | 99.9 | 99.9 | 99.9 | 335.0 | 335.0 | 0.1 | 15.5 | 999.5 | 999 |
| 36.7 | 103.0 | 11370.5 | 225.0 | -54.5 | -47.9 | 95.0 | 99.9 | 99.9 | 99.9 | 339.1 | 339.1 | 0.1 | 15.5 | 999.5 | 999 |
| 39.2 | 106.3 | 12122.1 | 200.0 | -59.2 | -51.9 | 95.0 | 99.9 | 99.9 | 99.9 | 350.1 | 350.1 | 0.1 | 15.5 | 999.5 | 999 |
| 41.9 | 115.3 | 12946.0 | 175.0 | -64.5 | -56.5 | 95.0 | 99.9 | 99.9 | 99.9 | 372.5 | 372.5 | 0.1 | 15.5 | 999.5 | 999 |
| 45.1 | 121.5 | 13929.7 | 150.0 | -69.6 | -61.6 | 95.0 | 99.9 | 99.9 | 99.9 | 387.0 | 387.0 | 0.1 | 15.5 | 999.5 | 999 |
| 48.6 | 128.5 | 15079.6 | 125.0 | -75.7 | -67.9 | 95.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 0.1 | 15.5 | 999.5 | 999 |
| 52.9 | 135.9 | 99.9 | 100.0 | 99.9 | 99.9 | 95.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 0.1 | 15.5 | 999.5 | 999 |
| 56.9 | 143.9 | 99.9 | 75.0 | 99.9 | 99.9 | 95.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 0.1 | 15.5 | 999.5 | 999 |
| 60.9 | 151.9 | 99.9 | 50.0 | 99.9 | 99.9 | 95.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 0.1 | 15.5 | 999.5 | 999 |
| 64.9 | 159.9 | 99.9 | 25.0 | 99.9 | 99.9 | 95.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 0.1 | 15.5 | 999.5 | 999 |

 0. BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG
 0. BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG

STATION NO. 7
CURANT, OKLAHOMA

20 APRIL 1979
205 GMT

| TIME MIN | CNTCT | HEIGHT GPN | PRES MB | TEMP DG C | DIR DG | U COMP M/SEC | V COMP M/SEC | CT Y DG K | E PCT Y DG K | MX RTO G/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|-----------|-----------------|-----------------|--------------|-----------------|----------------|-----------|-------------|----------|
| 0.0 | 7.6 | 214.0 | 589.0 | 21.2 | 19.1 | 55.9 | 52.9 | 255.3 | 322.3 | 14.3 | 88.0 | 999.9 | 999.9 |
| 99.9 | 59.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 0.0 | 9.0 | 337.6 | 975.0 | 20.2 | 18.6 | 55.9 | 52.9 | 255.6 | 322.5 | 14.2 | 91.2 | 999.9 | 999.9 |
| 1.4 | 11.4 | 562.3 | 950.0 | 18.8 | 17.7 | 55.9 | 52.9 | 256.2 | 321.6 | 13.5 | 93.2 | 999.9 | 999.9 |
| 2.5 | 13.5 | 791.4 | 925.0 | 16.9 | 15.5 | 55.9 | 52.9 | 256.6 | 325.2 | 12.4 | 93.6 | 999.9 | 999.9 |
| 7.4 | 16.3 | 1025.3 | 900.0 | 15.2 | 14.1 | 55.9 | 52.9 | 257.2 | 327.2 | 11.4 | 93.6 | 999.9 | 999.9 |
| 4.2 | 18.8 | 1264.4 | 875.0 | 14.2 | 13.1 | 55.9 | 52.9 | 258.5 | 327.7 | 10.9 | 93.1 | 999.9 | 999.9 |
| 5.3 | 21.4 | 1509.4 | 850.0 | 13.0 | 11.8 | 55.9 | 52.9 | 259.8 | 327.6 | 10.3 | 92.6 | 999.9 | 999.9 |
| 6.2 | 24.0 | 1760.0 | 825.0 | 11.3 | 10.0 | 55.9 | 52.9 | 260.2 | 325.5 | 5.4 | 91.6 | 999.9 | 999.9 |
| 7.1 | 26.6 | 2017.9 | 800.0 | 10.8 | 8.3 | 55.9 | 52.9 | 262.7 | 325.4 | 6.6 | 84.2 | 999.9 | 999.9 |
| 8.1 | 29.1 | 2242.3 | 775.0 | 9.0 | 7.3 | 55.9 | 52.9 | 263.5 | 326.5 | 8.4 | 80.4 | 999.9 | 999.9 |
| 5.2 | 31.8 | 2533.8 | 750.0 | 7.2 | 5.7 | 55.9 | 52.9 | 264.4 | 325.8 | 7.7 | 69.7 | 999.9 | 999.9 |
| 12.2 | 34.5 | 2832.6 | 725.0 | 5.7 | 2.1 | 55.9 | 52.9 | 265.7 | 323.1 | 6.2 | 77.7 | 999.9 | 999.9 |
| 11.3 | 37.3 | 3119.8 | 700.0 | 4.4 | -1.6 | 55.9 | 52.9 | 267.3 | 321.5 | 4.9 | 65.3 | 999.9 | 999.9 |
| 12.5 | 40.2 | 3415.4 | 675.0 | 2.9 | -5.7 | 55.9 | 52.9 | 268.9 | 320.0 | 3.6 | 53.6 | 999.9 | 999.9 |
| 17.4 | 43.0 | 3720.1 | 650.0 | 0.8 | -13.1 | 55.9 | 52.9 | 269.9 | 315.6 | 2.9 | 29.2 | 999.9 | 999.9 |
| 16.8 | 46.0 | 4033.9 | 625.0 | -1.6 | -15.3 | 55.9 | 52.9 | 270.7 | 316.4 | 1.9 | 34.1 | 999.9 | 999.9 |
| 14.0 | 48.9 | 4357.6 | 600.0 | -4.2 | -17.0 | 55.9 | 52.9 | 271.3 | 318.5 | 2.3 | 50.4 | 999.9 | 999.9 |
| 17.1 | 51.9 | 4691.8 | 575.0 | -6.9 | -12.2 | 55.9 | 52.9 | 271.9 | 319.9 | 2.6 | 65.6 | 999.9 | 999.9 |
| 15.3 | 54.9 | 5037.2 | 550.0 | -9.6 | -12.5 | 55.9 | 52.9 | 272.4 | 320.6 | 2.7 | 80.4 | 999.9 | 999.9 |
| 19.7 | 58.0 | 5394.7 | 525.0 | -12.2 | -18.0 | 55.9 | 52.9 | 273.7 | 319.3 | 1.8 | 62.0 | 999.9 | 999.9 |
| 21.1 | 61.3 | 5766.2 | 500.0 | -14.7 | -16.9 | 55.9 | 52.9 | 275.1 | 321.5 | 2.0 | 83.0 | 999.9 | 999.9 |
| 22.5 | 64.5 | 6154.3 | 475.0 | -16.2 | -20.4 | 55.9 | 52.9 | 277.9 | 323.2 | 1.6 | 70.0 | 999.9 | 999.9 |
| 24.1 | 67.9 | 6559.2 | 450.0 | -19.3 | -23.5 | 55.9 | 52.9 | 279.0 | 323.2 | 1.3 | 69.4 | 999.9 | 999.9 |
| 25.4 | 71.3 | 6943.2 | 425.0 | -20.7 | -24.9 | 55.9 | 52.9 | 282.5 | 326.5 | 1.2 | 68.8 | 999.9 | 999.9 |
| 27.2 | 74.9 | 7428.5 | 400.0 | -24.2 | -28.5 | 55.9 | 52.9 | 283.5 | 326.6 | 0.9 | 67.6 | 999.9 | 999.9 |
| 28.9 | 78.7 | 7877.7 | 375.0 | -28.2 | -32.3 | 55.9 | 52.9 | 284.3 | 326.7 | 0.7 | 67.2 | 999.9 | 999.9 |
| 30.6 | 82.5 | 8468.8 | 350.0 | -32.2 | -36.4 | 55.9 | 52.9 | 285.4 | 327.1 | 0.5 | 65.5 | 999.9 | 999.9 |
| 32.4 | 86.3 | 9055.2 | 325.0 | -36.4 | -40.8 | 55.9 | 52.9 | 286.5 | 327.6 | 0.3 | 63.2 | 999.9 | 999.9 |
| 34.4 | 90.3 | 9455.1 | 300.0 | -40.8 | -45.9 | 55.9 | 52.9 | 287.8 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 36.7 | 95.2 | 10040.6 | 275.0 | -46.3 | 99.9 | 55.9 | 52.9 | 289.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 39.5 | 100.0 | 10665.1 | 250.0 | -52.3 | 99.9 | 55.9 | 52.9 | 292.3 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 42.5 | 104.8 | 11337.7 | 225.0 | -58.4 | 99.9 | 55.9 | 52.9 | 299.0 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 44.8 | 110.3 | 12048.9 | 200.0 | -63.6 | 99.9 | 55.9 | 52.9 | 301.6 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 46.9 | 99.9 | 99.9 | 175.0 | 99.9 | 99.9 | 55.9 | 52.9 | 311.6 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 48.9 | 55.9 | 99.9 | 150.0 | 99.9 | 99.9 | 55.9 | 52.9 | 319.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 50.9 | 55.9 | 99.9 | 125.0 | 99.9 | 99.9 | 55.9 | 52.9 | 329.0 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 52.9 | 55.9 | 99.9 | 100.0 | 99.9 | 99.9 | 55.9 | 52.9 | 331.6 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 54.9 | 55.9 | 99.9 | 75.0 | 99.9 | 99.9 | 55.9 | 52.9 | 339.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 56.9 | 55.9 | 99.9 | 50.0 | 99.9 | 99.9 | 55.9 | 52.9 | 349.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 58.9 | 55.9 | 99.9 | 25.0 | 99.9 | 99.9 | 55.9 | 52.9 | 359.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 59.9 | 55.9 | 99.9 | 25.0 | 99.9 | 99.9 | 55.9 | 52.9 | 369.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |

* BY SPEED MEANS ELEVATION ANGLE FIFTEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 7
CURANT, CHLACHA

20 APRIL 1979
003 GMT

| TIME MIN | CNTCT | WEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | U COMP 1/SEC | V COMP M/SEC | FCY T CG K | E POT T DE K | MP RTO CM/KS | RM PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|-----------|
| 0.0 | 10.7 | 214.0 | 988.0 | 10.5 | 10.9 | 999.9 | 92.2 | 99.9 | 99.9 | 232.6 | 232.7 | 12.4 | 88.8 | 999.4 | 999.0 |
| 5.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 59.9 | 599.5 | 99.9 | 999.5 | 999.5 | 999.0 |
| 0.5 | 12.0 | 334.5 | 975.0 | 10.40 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 259.7 | 559.9 | 99.9 | 999.5 | 999.9 | 999.0 |
| 1.5 | 14.4 | 535.2 | 950.0 | 15.2 | 13.5 | 999.9 | 99.9 | 99.9 | 99.9 | 252.7 | 319.6 | 10.3 | 99.7 | 999.9 | 999.0 |
| 2.6 | 16.9 | 742.3 | 925.0 | 16.3 | 10.1 | 999.9 | 99.9 | 99.9 | 99.9 | 250.0 | 218.6 | 8.5 | 67.0 | 999.5 | 999.0 |
| 3.6 | 19.0 | 1015.4 | 900.0 | 15.8 | 6.9 | 999.9 | 99.9 | 99.9 | 99.9 | 237.5 | 316.4 | 7.0 | 56.5 | 999.9 | 999.0 |
| 4.3 | 21.9 | 1253.7 | 875.0 | 13.2 | 6.8 | 999.9 | 99.9 | 99.9 | 99.9 | 237.5 | 316.4 | 7.1 | 56.5 | 999.9 | 999.0 |
| 5.2 | 24.5 | 1496.9 | 850.0 | 10.9 | 7.7 | 999.9 | 99.9 | 99.9 | 99.9 | 237.5 | 316.4 | 7.0 | 56.5 | 999.9 | 999.0 |
| 6.2 | 27.1 | 1746.1 | 825.0 | 9.8 | 7.8 | 999.9 | 99.9 | 99.9 | 99.9 | 237.5 | 316.4 | 7.1 | 56.5 | 999.9 | 999.0 |
| 7.2 | 29.7 | 2001.7 | 800.0 | 8.5 | 4.2 | 999.9 | 99.9 | 99.9 | 99.9 | 237.5 | 316.4 | 7.1 | 56.5 | 999.9 | 999.0 |
| 8.0 | 32.2 | 2253.9 | 775.0 | 6.7 | 3.4 | 999.9 | 99.9 | 99.9 | 99.9 | 237.5 | 316.4 | 7.1 | 56.5 | 999.9 | 999.0 |
| 9.0 | 34.9 | 2532.8 | 750.0 | 5.1 | 1.0 | 999.9 | 99.9 | 99.9 | 99.9 | 237.5 | 316.4 | 7.1 | 56.5 | 999.9 | 999.0 |
| 10.1 | 37.7 | 2809.6 | 725.0 | 3.8 | -1.4 | 999.9 | 99.9 | 99.9 | 99.9 | 237.5 | 316.4 | 7.1 | 56.5 | 999.9 | 999.0 |
| 11.1 | 40.3 | 3094.8 | 700.0 | 3.5 | -0.3 | 999.9 | 99.9 | 99.9 | 99.9 | 237.5 | 316.4 | 7.1 | 56.5 | 999.9 | 999.0 |
| 12.3 | 43.2 | 3399.0 | 675.0 | 1.3 | -5.8 | 999.9 | 99.9 | 99.9 | 99.9 | 237.5 | 316.4 | 7.1 | 56.5 | 999.9 | 999.0 |
| 12.5 | 46.0 | 3691.1 | 650.0 | -1.9 | -8.5 | 999.9 | 99.9 | 99.9 | 99.9 | 237.5 | 316.4 | 7.1 | 56.5 | 999.9 | 999.0 |
| 14.6 | 48.9 | 4002.1 | 625.0 | -4.5 | -5.3 | 999.9 | 99.9 | 99.9 | 99.9 | 237.5 | 316.4 | 7.1 | 56.5 | 999.9 | 999.0 |
| 15.7 | 51.9 | 4322.8 | 600.0 | -6.6 | -7.2 | 999.9 | 99.9 | 99.9 | 99.9 | 237.5 | 316.4 | 7.1 | 56.5 | 999.9 | 999.0 |
| 16.0 | 54.0 | 4654.5 | 575.0 | -8.6 | -8.3 | 999.9 | 99.9 | 99.9 | 99.9 | 237.5 | 316.4 | 7.1 | 56.5 | 999.9 | 999.0 |
| 18.2 | 56.1 | 4998.7 | 550.0 | -10.5 | -11.3 | 999.9 | 99.9 | 99.9 | 99.9 | 237.5 | 316.4 | 7.1 | 56.5 | 999.9 | 999.0 |
| 19.5 | 61.3 | 5355.7 | 525.0 | -12.7 | -13.9 | 999.9 | 99.9 | 99.9 | 99.9 | 237.5 | 316.4 | 7.1 | 56.5 | 999.9 | 999.0 |
| 21.0 | 64.5 | 5726.7 | 500.0 | -15.2 | -16.7 | 999.9 | 99.9 | 99.9 | 99.9 | 237.5 | 316.4 | 7.1 | 56.5 | 999.9 | 999.0 |
| 22.4 | 67.9 | 6113.4 | 475.0 | -17.3 | -18.8 | 999.9 | 99.9 | 99.9 | 99.9 | 237.5 | 316.4 | 7.1 | 56.5 | 999.9 | 999.0 |
| 23.9 | 71.1 | 6516.8 | 450.0 | -19.7 | -21.6 | 999.9 | 99.9 | 99.9 | 99.9 | 237.5 | 316.4 | 7.1 | 56.5 | 999.9 | 999.0 |
| 25.3 | 74.7 | 6932.1 | 425.0 | -23.5 | -25.5 | 999.9 | 99.9 | 99.9 | 99.9 | 237.5 | 316.4 | 7.1 | 56.5 | 999.9 | 999.0 |
| 26.8 | 78.3 | 7379.0 | 400.0 | -26.8 | -28.7 | 999.9 | 99.9 | 99.9 | 99.9 | 237.5 | 316.4 | 7.1 | 56.5 | 999.9 | 999.0 |
| 28.4 | 82.9 | 7841.1 | 375.0 | -30.9 | -33.3 | 999.9 | 99.9 | 99.9 | 99.9 | 237.5 | 316.4 | 7.1 | 56.5 | 999.9 | 999.0 |
| 30.1 | 85.9 | 8326.7 | 350.0 | -35.1 | -37.7 | 999.9 | 99.9 | 99.9 | 99.9 | 237.5 | 316.4 | 7.1 | 56.5 | 999.9 | 999.0 |
| 32.2 | 88.8 | 8838.2 | 325.0 | -39.9 | -41.6 | 999.9 | 99.9 | 99.9 | 99.9 | 237.5 | 316.4 | 7.1 | 56.5 | 999.9 | 999.0 |
| 34.3 | 90.0 | 9379.6 | 300.0 | -44.2 | -45.9 | 999.9 | 99.9 | 99.9 | 99.9 | 237.5 | 316.4 | 7.1 | 56.5 | 999.9 | 999.0 |
| 36.3 | 92.5 | 9956.5 | 275.0 | -49.8 | -50.9 | 999.9 | 99.9 | 99.9 | 99.9 | 237.5 | 316.4 | 7.1 | 56.5 | 999.9 | 999.0 |
| 38.7 | 103.2 | 10572.4 | 250.0 | -54.7 | -54.9 | 999.9 | 99.9 | 99.9 | 99.9 | 237.5 | 316.4 | 7.1 | 56.5 | 999.9 | 999.0 |
| 41.5 | 105.2 | 11237.5 | 225.0 | -60.4 | -60.9 | 999.9 | 99.9 | 99.9 | 99.9 | 237.5 | 316.4 | 7.1 | 56.5 | 999.9 | 999.0 |
| 43.8 | 113.5 | 11964.0 | 200.0 | -65.1 | -65.9 | 999.9 | 99.9 | 99.9 | 99.9 | 237.5 | 316.4 | 7.1 | 56.5 | 999.9 | 999.0 |
| 47.1 | 117.4 | 12741.6 | 175.0 | -61.6 | -62.9 | 999.9 | 99.9 | 99.9 | 99.9 | 237.5 | 316.4 | 7.1 | 56.5 | 999.9 | 999.0 |
| 50.6 | 125.4 | 13735.9 | 150.0 | -62.3 | -63.9 | 999.9 | 99.9 | 99.9 | 99.9 | 237.5 | 316.4 | 7.1 | 56.5 | 999.9 | 999.0 |
| 54.5 | 132.9 | 14837.2 | 125.0 | -63.8 | -64.9 | 999.9 | 99.9 | 99.9 | 99.9 | 237.5 | 316.4 | 7.1 | 56.5 | 999.9 | 999.0 |
| 58.9 | 58.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.5 | 999.0 |
| 59.9 | 58.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.5 | 999.0 |
| 59.9 | 58.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.5 | 999.0 |
| 59.9 | 58.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.5 | 999.0 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

| STATION NO. 9 GAGE, OKLAHOMA | | | | | | | | | | | | | |
|---------------------------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|
| 19 APRIL 1979 | | | | | | | | | | | | | |
| 1105 GMT | | | | | | | | | | | | | |
| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | ECT 7 DG K | E PCT 7 DG K | WZ RTO CP/KG | RM PCT |
| 0.0 | 12.9 | 578.0 | 935.0 | 18.7 | 17.5 | 959.9 | 52.2 | 52.2 | 52.9 | 237.5 | 222.4 | 12.7 | 93.0 |
| 5.9 | 99.9 | 55.9 | 1030.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 59.9 | 99.9 | 99.9 | 999.9 |
| 11.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 59.9 | 99.9 | 99.9 | 999.9 |
| 17.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 59.9 | 99.9 | 99.9 | 999.9 |
| 23.9 | 99.9 | 99.9 | 925.0 | 16.7 | 12.4 | 959.9 | 95.9 | 95.9 | 99.9 | 266.4 | 222.6 | 5.9 | 76.1 |
| 29.9 | 13.9 | 770.0 | 925.0 | 15.2 | 0.8 | 959.9 | 95.9 | 95.9 | 99.9 | 297.8 | 219.3 | 7.9 | 62.5 |
| 35.9 | 16.3 | 1033.6 | 930.0 | 15.2 | 0.5 | 959.9 | 95.9 | 95.9 | 99.9 | 300.0 | 222.5 | 8.0 | 60.2 |
| 41.9 | 18.9 | 1243.3 | 975.0 | 16.2 | 7.3 | 999.9 | 99.9 | 99.9 | 99.9 | 303.4 | 224.2 | 5.6 | 54.8 |
| 47.9 | 21.3 | 1470.3 | 925.0 | 15.0 | 2.5 | 959.9 | 95.9 | 95.9 | 99.9 | 304.4 | 220.2 | 2.6 | 43.0 |
| 53.9 | 23.9 | 1743.9 | 925.0 | 13.2 | -2.6 | 999.9 | 95.9 | 95.9 | 99.9 | 305.2 | 216.7 | 4.0 | 33.4 |
| 59.9 | 25.4 | 2007.6 | 930.0 | 11.6 | -3.5 | 959.9 | 95.9 | 95.9 | 99.9 | 308.3 | 217.4 | 2.8 | 34.2 |
| 65.9 | 28.0 | 2267.6 | 775.0 | 9.2 | -3.8 | 999.9 | 95.9 | 95.9 | 99.9 | 307.5 | 215.1 | 2.6 | 26.1 |
| 71.9 | 31.4 | 2512.9 | 725.0 | 7.3 | -9.9 | 959.9 | 95.9 | 95.9 | 99.9 | 307.5 | 216.0 | 2.5 | 28.0 |
| 77.9 | 34.1 | 2822.9 | 725.0 | 5.4 | -7.8 | 959.9 | 95.9 | 95.9 | 99.9 | 308.5 | 216.3 | 2.6 | 32.4 |
| 83.9 | 36.9 | 3110.8 | 700.0 | 5.4 | -7.8 | 959.9 | 95.9 | 95.9 | 99.9 | 308.7 | 217.5 | 2.9 | 42.7 |
| 89.9 | 39.6 | 3406.7 | 675.0 | 2.7 | -3.7 | 959.9 | 95.9 | 95.9 | 99.9 | 308.5 | 217.1 | 2.9 | 50.1 |
| 95.9 | 42.4 | 3710.5 | 650.0 | -0.4 | -9.5 | 959.9 | 95.9 | 95.9 | 99.9 | 308.7 | 211.6 | 1.0 | 20.4 |
| 101.9 | 45.3 | 4022.4 | 625.0 | -3.3 | -22.2 | 959.9 | 95.9 | 95.9 | 99.9 | 308.6 | 210.2 | 0.4 | 9.5 |
| 107.9 | 48.2 | 4333.3 | 600.0 | -6.3 | -33.5 | 959.9 | 95.9 | 95.9 | 99.9 | 312.7 | 212.8 | 0.1 | 1.0 |
| 113.9 | 51.1 | 4645.7 | 575.0 | -6.3 | -53.9 | 959.9 | 95.9 | 95.9 | 99.9 | 313.9 | 214.1 | 0.0 | 1.0 |
| 119.9 | 54.3 | 4951.9 | 550.0 | -8.6 | -59.6 | 959.9 | 95.9 | 95.9 | 99.9 | 314.7 | 214.2 | 0.0 | 1.0 |
| 125.9 | 57.3 | 5260.3 | 525.0 | -11.9 | -57.4 | 959.9 | 95.9 | 95.9 | 99.9 | 315.3 | 215.3 | 0.0 | 1.0 |
| 131.9 | 60.5 | 5561.5 | 500.0 | -15.1 | -59.5 | 959.9 | 95.9 | 95.9 | 99.9 | 316.2 | 216.2 | 0.0 | 1.0 |
| 137.9 | 63.9 | 5861.9 | 475.0 | -18.4 | -61.6 | 959.9 | 95.9 | 95.9 | 99.9 | 317.6 | 217.7 | 0.0 | 1.0 |
| 143.9 | 67.1 | 6166.9 | 450.0 | -21.5 | -63.6 | 959.9 | 95.9 | 95.9 | 99.9 | 318.7 | 218.2 | 0.0 | 1.0 |
| 149.9 | 70.4 | 6473.9 | 425.0 | -24.5 | -65.6 | 959.9 | 95.9 | 95.9 | 99.9 | 320.1 | 220.1 | 0.0 | 1.0 |
| 155.9 | 73.9 | 6780.9 | 400.0 | -27.9 | -67.8 | 959.9 | 95.9 | 95.9 | 99.9 | 321.4 | 221.4 | 0.0 | 1.0 |
| 161.9 | 77.9 | 7086.1 | 375.0 | -31.4 | -70.1 | 959.9 | 95.9 | 95.9 | 99.9 | 322.5 | 222.5 | 99.9 | 999.9 |
| 167.9 | 81.7 | 7391.3 | 350.0 | -35.1 | -72.6 | 959.9 | 95.9 | 95.9 | 99.9 | 323.2 | 223.2 | 99.9 | 999.9 |
| 173.9 | 85.9 | 7696.1 | 325.0 | -39.3 | -75.9 | 959.9 | 95.9 | 95.9 | 99.9 | 324.4 | 224.4 | 99.9 | 999.9 |
| 179.9 | 89.9 | 7995.7 | 300.0 | -44.1 | -79.9 | 959.9 | 95.9 | 95.9 | 99.9 | 325.0 | 225.0 | 99.9 | 999.9 |
| 185.9 | 93.9 | 8295.7 | 275.0 | -48.2 | -83.9 | 959.9 | 95.9 | 95.9 | 99.9 | 326.5 | 226.5 | 99.9 | 999.9 |
| 191.9 | 97.9 | 8595.7 | 250.0 | -52.3 | -87.9 | 959.9 | 95.9 | 95.9 | 99.9 | 327.0 | 227.0 | 99.9 | 999.9 |
| 197.9 | 101.9 | 8895.7 | 225.0 | -56.3 | -91.9 | 959.9 | 95.9 | 95.9 | 99.9 | 328.2 | 228.2 | 99.9 | 999.9 |
| 203.9 | 105.9 | 9195.7 | 200.0 | -60.3 | -95.9 | 959.9 | 95.9 | 95.9 | 99.9 | 329.3 | 229.3 | 99.9 | 999.9 |
| 209.9 | 109.9 | 9495.7 | 175.0 | -64.3 | -99.9 | 959.9 | 95.9 | 95.9 | 99.9 | 330.5 | 230.5 | 99.9 | 999.9 |
| 215.9 | 113.9 | 9795.7 | 150.0 | -68.3 | -103.9 | 959.9 | 95.9 | 95.9 | 99.9 | 331.3 | 231.3 | 99.9 | 999.9 |
| 221.9 | 117.9 | 10095.7 | 125.0 | -72.3 | -107.9 | 959.9 | 95.9 | 95.9 | 99.9 | 332.5 | 232.5 | 99.9 | 999.9 |
| 227.9 | 121.9 | 10395.7 | 100.0 | -76.3 | -111.9 | 959.9 | 95.9 | 95.9 | 99.9 | 333.7 | 233.7 | 99.9 | 999.9 |
| 233.9 | 125.9 | 10695.7 | 75.0 | -80.3 | -115.9 | 959.9 | 95.9 | 95.9 | 99.9 | 334.9 | 234.9 | 99.9 | 999.9 |
| 239.9 | 129.9 | 10995.7 | 50.0 | -84.3 | -119.9 | 959.9 | 95.9 | 95.9 | 99.9 | 336.1 | 236.1 | 99.9 | 999.9 |
| 245.9 | 133.9 | 11295.7 | 25.0 | -88.3 | -123.9 | 959.9 | 95.9 | 95.9 | 99.9 | 337.3 | 237.3 | 99.9 | 999.9 |
| 251.9 | 137.9 | 11595.7 | 0.0 | -92.3 | -127.9 | 959.9 | 95.9 | 95.9 | 99.9 | 338.5 | 238.5 | 99.9 | 999.9 |
| 257.9 | 141.9 | 11895.7 | 0.0 | -96.3 | -131.9 | 959.9 | 95.9 | 95.9 | 99.9 | 339.7 | 239.7 | 99.9 | 999.9 |
| 263.9 | 145.9 | 12195.7 | 0.0 | -100.3 | -135.9 | 959.9 | 95.9 | 95.9 | 99.9 | 340.9 | 240.9 | 99.9 | 999.9 |
| 269.9 | 149.9 | 12495.7 | 0.0 | -104.3 | -139.9 | 959.9 | 95.9 | 95.9 | 99.9 | 342.1 | 242.1 | 99.9 | 999.9 |
| 275.9 | 153.9 | 12795.7 | 0.0 | -108.3 | -143.9 | 959.9 | 95.9 | 95.9 | 99.9 | 343.3 | 243.3 | 99.9 | 999.9 |
| 281.9 | 157.9 | 13095.7 | 0.0 | -112.3 | -147.9 | 959.9 | 95.9 | 95.9 | 99.9 | 344.5 | 244.5 | 99.9 | 999.9 |
| 287.9 | 161.9 | 13395.7 | 0.0 | -116.3 | -151.9 | 959.9 | 95.9 | 95.9 | 99.9 | 345.7 | 245.7 | 99.9 | 999.9 |
| 293.9 | 165.9 | 13695.7 | 0.0 | -120.3 | -155.9 | 959.9 | 95.9 | 95.9 | 99.9 | 346.9 | 246.9 | 99.9 | 999.9 |
| 299.9 | 169.9 | 13995.7 | 0.0 | -124.3 | -159.9 | 959.9 | 95.9 | 95.9 | 99.9 | 348.1 | 248.1 | 99.9 | 999.9 |
| 305.9 | 173.9 | 14295.7 | 0.0 | -128.3 | -163.9 | 959.9 | 95.9 | 95.9 | 99.9 | 349.3 | 249.3 | 99.9 | 999.9 |
| 311.9 | 177.9 | 14595.7 | 0.0 | -132.3 | -167.9 | 959.9 | 95.9 | 95.9 | 99.9 | 350.5 | 250.5 | 99.9 | 999.9 |
| 317.9 | 181.9 | 14895.7 | 0.0 | -136.3 | -171.9 | 959.9 | 95.9 | 95.9 | 99.9 | 351.7 | 251.7 | 99.9 | 999.9 |
| 323.9 | 185.9 | 15195.7 | 0.0 | -140.3 | -175.9 | 959.9 | 95.9 | 95.9 | 99.9 | 352.9 | 252.9 | 99.9 | 999.9 |
| 329.9 | 189.9 | 15495.7 | 0.0 | -144.3 | -179.9 | 959.9 | 95.9 | 95.9 | 99.9 | 354.1 | 254.1 | 99.9 | 999.9 |
| 335.9 | 193.9 | 15795.7 | 0.0 | -148.3 | -183.9 | 959.9 | 95.9 | 95.9 | 99.9 | 355.3 | 255.3 | 99.9 | 999.9 |
| 341.9 | 197.9 | 16095.7 | 0.0 | -152.3 | -187.9 | 959.9 | 95.9 | 95.9 | 99.9 | 356.5 | 256.5 | 99.9 | 999.9 |
| 347.9 | 201.9 | 16395.7 | 0.0 | -156.3 | -191.9 | 959.9 | 95.9 | 95.9 | 99.9 | 357.7 | 257.7 | 99.9 | 999.9 |
| 353.9 | 205.9 | 16695.7 | 0.0 | -160.3 | -195.9 | 959.9 | 95.9 | 95.9 | 99.9 | 358.9 | 258.9 | 99.9 | 999.9 |
| 359.9 | 209.9 | 16995.7 | 0.0 | -164.3 | -199.9 | 959.9 | 95.9 | 95.9 | 99.9 | 360.1 | 260.1 | 99.9 | 999.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPRETATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 9
GAGE, ORLANCBA

19 APRIL 1979
1412 GMT

E3 426. 8

| TIME MIN | CHCT | HEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | CLR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | FOOT DEG K | E POT DEG K | MX WIND GPM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|------|---------------|------------|---------------|-----------------|-----------|----------------|-----------------|-----------------|---------------|----------------|-------------------|-----------|-------------|----------|
| 0.0 | 12.3 | 678.0 | 925.2 | 20.2 | 17.7 | 999.9 | 55.9 | 59.9 | 99.9 | 299.3 | 225.2 | 13.8 | 84.0 | 999.5 | 559.9 |
| 59.9 | 59.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 59.9 | 59.9 | 99.9 | 59.9 | 599.9 | 95.9 | 999.5 | 999.9 | 559.9 |
| 59.9 | 59.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 59.9 | 99.9 | 99.9 | 59.9 | 599.9 | 95.9 | 999.5 | 999.5 | 559.9 |
| 59.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.5 | 999.5 | 559.9 |
| 0.6 | 13.4 | 777.9 | 925.0 | 19.06 | 19.06 | 999.9 | 55.9 | 59.9 | 99.9 | 298.7 | 225.2 | 12.5 | 92.7 | 999.5 | 559.9 |
| 1.5 | 15.3 | 1012.2 | 900.0 | 16.7 | 15.6 | 999.9 | 55.9 | 59.9 | 99.9 | 298.8 | 225.2 | 11.9 | 90.7 | 999.5 | 559.9 |
| 2.3 | 17.4 | 1252.7 | 875.0 | 15.9 | 14.4 | 999.9 | 55.9 | 59.9 | 99.9 | 300.3 | 225.2 | 10.3 | 83.0 | 999.5 | 559.9 |
| 3.2 | 19.0 | 1495.3 | 850.0 | 14.6 | 11.8 | 999.9 | 55.9 | 59.9 | 99.9 | 301.5 | 225.2 | 7.6 | 51.2 | 999.5 | 559.9 |
| 4.0 | 22.3 | 1753.2 | 825.0 | 17.0 | 7.0 | 999.9 | 55.9 | 59.9 | 99.9 | 307.6 | 225.2 | 7.3 | 52.6 | 999.5 | 559.9 |
| 4.9 | 24.5 | 2015.4 | 800.0 | 15.4 | 5.9 | 999.9 | 55.9 | 59.9 | 99.9 | 308.4 | 225.2 | 7.0 | 55.2 | 999.5 | 559.9 |
| 5.8 | 26.9 | 2283.8 | 775.0 | 13.5 | 4.7 | 999.9 | 55.9 | 59.9 | 99.9 | 308.6 | 225.2 | 6.1 | 55.2 | 999.5 | 559.9 |
| 6.6 | 31.6 | 2941.1 | 725.0 | 8.8 | -1.5 | 999.9 | 55.9 | 59.9 | 99.9 | 309.1 | 225.2 | 4.7 | 48.4 | 999.5 | 559.9 |
| 7.6 | 36.0 | 3130.3 | 700.0 | 6.7 | -4.9 | 999.9 | 55.9 | 59.9 | 99.9 | 309.9 | 225.2 | 3.6 | 47.5 | 999.5 | 559.9 |
| 8.6 | 36.5 | 3427.5 | 675.0 | 3.7 | -6.3 | 999.9 | 55.9 | 59.9 | 99.9 | 310.4 | 225.2 | 3.2 | 51.3 | 999.5 | 559.9 |
| 11.0 | 36.0 | 3732.6 | 650.0 | 0.9 | -8.0 | 999.9 | 55.9 | 59.9 | 99.9 | 310.4 | 225.2 | 2.2 | 41.2 | 999.5 | 559.9 |
| 12.1 | 41.6 | 4046.4 | 625.0 | -1.8 | -13.1 | 999.9 | 55.9 | 59.9 | 99.9 | 310.7 | 225.2 | 2.1 | 46.5 | 999.5 | 559.9 |
| 13.2 | 46.2 | 4369.6 | 600.0 | -4.7 | -14.4 | 999.9 | 55.9 | 59.9 | 99.9 | 311.2 | 225.2 | 1.2 | 30.4 | 999.5 | 559.9 |
| 14.4 | 46.9 | 4702.6 | 575.0 | -7.5 | -22.1 | 999.9 | 55.9 | 59.9 | 99.9 | 312.9 | 225.2 | 0.4 | 10.3 | 999.5 | 559.9 |
| 15.6 | 48.7 | 5037.6 | 550.0 | -9.5 | -31.9 | 999.9 | 55.9 | 59.9 | 99.9 | 315.4 | 225.2 | 0.1 | 4.5 | 999.5 | 559.9 |
| 16.8 | 52.4 | 5406.5 | 525.0 | -10.8 | -40.8 | 999.9 | 55.9 | 59.9 | 99.9 | 316.8 | 225.2 | 0.1 | 4.5 | 999.5 | 559.9 |
| 18.0 | 55.3 | 5775.1 | 500.0 | -14.1 | -48.4 | 999.9 | 55.9 | 59.9 | 99.9 | 316.8 | 225.2 | 0.1 | 4.5 | 999.5 | 559.9 |
| 19.1 | 59.3 | 6146.3 | 475.0 | -17.1 | -48.4 | 999.9 | 55.9 | 59.9 | 99.9 | 318.0 | 225.2 | 0.1 | 4.5 | 999.5 | 559.9 |
| 20.0 | 61.3 | 6585.9 | 450.0 | -19.4 | -59.9 | 999.9 | 55.9 | 59.9 | 99.9 | 318.0 | 225.2 | 0.1 | 4.5 | 999.5 | 559.9 |
| 55.9 | 55.9 | 99.9 | 425.0 | 99.9 | 99.9 | 99.9 | 55.9 | 59.9 | 99.9 | 99.9 | 999.9 | 95.9 | 999.5 | 999.5 | 559.9 |
| 59.9 | 59.9 | 99.9 | 400.0 | 99.9 | 99.9 | 99.9 | 55.9 | 59.9 | 99.9 | 99.9 | 999.9 | 95.9 | 999.5 | 999.5 | 559.9 |
| 59.9 | 59.9 | 99.9 | 375.0 | 99.9 | 99.9 | 99.9 | 55.9 | 59.9 | 99.9 | 99.9 | 999.9 | 95.9 | 999.5 | 999.5 | 559.9 |
| 59.9 | 59.9 | 99.9 | 350.0 | 99.9 | 99.9 | 99.9 | 55.9 | 59.9 | 99.9 | 99.9 | 999.9 | 95.9 | 999.5 | 999.5 | 559.9 |
| 59.9 | 59.9 | 99.9 | 325.0 | 99.9 | 99.9 | 99.9 | 55.9 | 59.9 | 99.9 | 99.9 | 999.9 | 95.9 | 999.5 | 999.5 | 559.9 |
| 59.9 | 59.9 | 99.9 | 300.0 | 99.9 | 99.9 | 99.9 | 55.9 | 59.9 | 99.9 | 99.9 | 999.9 | 95.9 | 999.5 | 999.5 | 559.9 |
| 59.9 | 59.9 | 99.9 | 275.0 | 99.9 | 99.9 | 99.9 | 55.9 | 59.9 | 99.9 | 99.9 | 999.9 | 95.9 | 999.5 | 999.5 | 559.9 |
| 59.9 | 59.9 | 99.9 | 250.0 | 99.9 | 99.9 | 99.9 | 55.9 | 59.9 | 99.9 | 99.9 | 999.9 | 95.9 | 999.5 | 999.5 | 559.9 |
| 59.9 | 59.9 | 99.9 | 225.0 | 99.9 | 99.9 | 99.9 | 55.9 | 59.9 | 99.9 | 99.9 | 999.9 | 95.9 | 999.5 | 999.5 | 559.9 |
| 59.9 | 59.9 | 99.9 | 200.0 | 99.9 | 99.9 | 99.9 | 55.9 | 59.9 | 99.9 | 99.9 | 999.9 | 95.9 | 999.5 | 999.5 | 559.9 |
| 59.9 | 59.9 | 99.9 | 175.0 | 99.9 | 99.9 | 99.9 | 55.9 | 59.9 | 99.9 | 99.9 | 999.9 | 95.9 | 999.5 | 999.5 | 559.9 |
| 59.9 | 59.9 | 99.9 | 150.0 | 99.9 | 99.9 | 99.9 | 55.9 | 59.9 | 99.9 | 99.9 | 999.9 | 95.9 | 999.5 | 999.5 | 559.9 |
| 59.9 | 59.9 | 99.9 | 125.0 | 99.9 | 99.9 | 99.9 | 55.9 | 59.9 | 99.9 | 99.9 | 999.9 | 95.9 | 999.5 | 999.5 | 559.9 |
| 59.9 | 59.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 55.9 | 59.9 | 99.9 | 99.9 | 999.9 | 95.9 | 999.5 | 999.5 | 559.9 |
| 59.9 | 59.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 55.9 | 59.9 | 99.9 | 99.9 | 999.9 | 95.9 | 999.5 | 999.5 | 559.9 |
| 59.9 | 59.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 55.9 | 59.9 | 99.9 | 99.9 | 999.9 | 95.9 | 999.5 | 999.5 | 559.9 |
| 59.9 | 59.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 55.9 | 59.9 | 99.9 | 99.9 | 999.9 | 95.9 | 999.5 | 999.5 | 559.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

*** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE 10
OF POOR QUALITY

STATION NO. 9
CASE: CHLANCBA

19 APRIL 1979
2305 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | CTR OG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | FCT Y DG K | E PCT Y DG K | W/ATO GPM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|---------------|-----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 14.3 | 679.0 | 924.1 | 20.7 | 14.6 | 999.9 | 95.9 | 99.9 | 99.9 | 259.6 | 325.2 | 11.3 | 68.0 | 995.5 | 999.0 |
| 59.9 | 59.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.0 |
| 59.9 | 59.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 995.5 | 999.0 |
| 59.9 | 59.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 995.5 | 999.0 |
| 0.3 | 14.9 | 752.8 | 925.0 | 20.1 | 14.6 | 999.9 | 95.9 | 99.9 | 99.9 | 299.9 | 330.4 | 11.4 | 70.4 | 999.5 | 999.0 |
| 1.1 | 17.3 | 999.0 | 920.0 | 18.1 | 14.0 | 999.9 | 95.9 | 99.9 | 99.9 | 300.1 | 320.3 | 11.2 | 76.5 | 995.5 | 999.0 |
| 1.9 | 19.9 | 1240.0 | 875.0 | 16.5 | 10.4 | 999.9 | 95.9 | 99.9 | 99.9 | 300.9 | 325.7 | 9.1 | 67.7 | 999.5 | 999.0 |
| 2.9 | 22.1 | 1446.9 | 850.0 | 16.1 | 6.2 | 999.9 | 95.9 | 99.9 | 99.9 | 303.1 | 322.6 | 7.0 | 51.7 | 999.5 | 999.0 |
| 3.9 | 24.9 | 1740.3 | 825.0 | 15.3 | 3.3 | 999.9 | 95.9 | 99.9 | 99.9 | 304.7 | 321.4 | 5.9 | 44.2 | 999.9 | 999.0 |
| 4.9 | 27.4 | 2002.9 | 800.0 | 14.4 | 0.8 | 999.9 | 95.9 | 99.9 | 99.9 | 306.5 | 321.1 | 5.1 | 39.6 | 999.5 | 999.0 |
| 5.9 | 30.0 | 2268.4 | 775.0 | 13.5 | -2.7 | 999.9 | 95.9 | 99.9 | 99.9 | 308.3 | 320.2 | 4.0 | 32.4 | 999.9 | 999.0 |
| 6.9 | 32.7 | 2543.4 | 750.0 | 11.7 | -5.0 | 999.9 | 95.9 | 99.9 | 99.9 | 309.3 | 319.6 | 2.5 | 30.8 | 995.9 | 999.0 |
| 7.9 | 35.3 | 2925.7 | 725.0 | 9.4 | -6.1 | 999.9 | 95.9 | 99.9 | 99.9 | 309.8 | 319.8 | 2.3 | 32.5 | 999.9 | 999.0 |
| 8.9 | 38.1 | 3115.5 | 700.0 | 7.5 | -7.8 | 999.9 | 95.9 | 99.9 | 99.9 | 310.2 | 319.9 | 2.0 | 32.7 | 999.9 | 999.0 |
| 9.9 | 40.9 | 3413.7 | 675.0 | 4.9 | -9.7 | 999.9 | 95.9 | 99.9 | 99.9 | 311.1 | 315.4 | 2.7 | 34.0 | 999.5 | 999.0 |
| 10.0 | 43.4 | 3720.0 | 650.0 | 2.2 | -11.7 | 999.9 | 95.9 | 99.9 | 99.9 | 311.5 | 318.9 | 2.4 | 34.5 | 999.5 | 999.0 |
| 11.3 | 46.7 | 4035.6 | 625.0 | 0.0 | -14.3 | 999.9 | 95.9 | 99.9 | 99.9 | 312.5 | 318.2 | 2.0 | 33.1 | 999.5 | 999.0 |
| 12.4 | 49.6 | 4340.9 | 600.0 | -2.6 | -16.8 | 999.9 | 95.9 | 99.9 | 99.9 | 312.9 | 319.2 | 2.0 | 38.5 | 999.5 | 999.0 |
| 13.4 | 52.6 | 4697.2 | 575.0 | -4.5 | -15.4 | 999.9 | 95.9 | 99.9 | 99.9 | 314.7 | 321.0 | 2.0 | 42.3 | 999.5 | 999.0 |
| 14.5 | 55.6 | 5045.5 | 550.0 | -7.6 | -15.4 | 999.9 | 95.9 | 99.9 | 99.9 | 315.1 | 321.6 | 2.1 | 53.4 | 999.9 | 999.0 |
| 15.9 | 58.4 | 5405.7 | 525.0 | -10.7 | -16.1 | 999.9 | 95.9 | 99.9 | 99.9 | 315.6 | 322.1 | 2.1 | 64.2 | 995.5 | 999.0 |
| 17.9 | 61.9 | 5780.0 | 500.0 | -12.3 | -17.1 | 999.9 | 95.9 | 99.9 | 99.9 | 316.0 | 324.4 | 2.0 | 67.2 | 999.9 | 999.0 |
| 19.1 | 65.3 | 6170.1 | 475.0 | -15.2 | -18.7 | 999.9 | 95.9 | 99.9 | 99.9 | 316.5 | 324.4 | 1.8 | 78.0 | 999.5 | 999.0 |
| 20.5 | 68.7 | 6576.0 | 450.0 | -18.4 | -21.0 | 999.9 | 95.9 | 99.9 | 99.9 | 319.9 | 325.0 | 1.6 | 81.2 | 995.9 | 999.0 |
| 22.9 | 72.3 | 6995.3 | 425.0 | -22.1 | -23.0 | 999.9 | 95.9 | 99.9 | 99.9 | 320.9 | 325.3 | 1.4 | 92.5 | 999.9 | 999.0 |
| 25.7 | 75.9 | 7442.7 | 400.0 | -25.2 | -26.9 | 999.9 | 95.9 | 99.9 | 99.9 | 322.2 | 325.7 | 1.1 | 86.1 | 999.5 | 999.0 |
| 27.4 | 79.4 | 7908.6 | 375.0 | -28.1 | -30.7 | 999.9 | 95.9 | 99.9 | 99.9 | 324.4 | 327.0 | 0.8 | 78.1 | 999.9 | 999.0 |
| 29.3 | 83.5 | 8470.0 | 350.0 | -32.0 | -35.4 | 999.9 | 95.9 | 99.9 | 99.9 | 325.7 | 327.5 | 0.5 | 71.5 | 999.5 | 999.0 |
| 31.2 | 87.4 | 9018.6 | 325.0 | -36.2 | -40.2 | 999.9 | 95.9 | 99.9 | 99.9 | 326.7 | 327.9 | 0.3 | 67.0 | 999.9 | 999.0 |
| 33.0 | 91.4 | 9468.4 | 300.0 | -40.9 | -40.9 | 999.9 | 95.9 | 99.9 | 99.9 | 327.7 | 327.9 | 95.9 | 999.5 | 999.9 | 999.0 |
| 35.3 | 95.3 | 10053.6 | 275.0 | -45.4 | -45.4 | 999.9 | 95.9 | 99.9 | 99.9 | 328.1 | 328.1 | 55.9 | 999.5 | 999.9 | 999.0 |
| 37.1 | 101.0 | 10784.6 | 250.0 | -52.0 | -49.9 | 999.9 | 95.9 | 99.9 | 99.9 | 328.8 | 328.8 | 55.9 | 999.5 | 999.9 | 999.0 |
| 39.5 | 106.0 | 11354.6 | 225.0 | -56.2 | -56.2 | 999.9 | 95.9 | 99.9 | 99.9 | 329.4 | 329.4 | 55.9 | 999.5 | 999.9 | 999.0 |
| 41.4 | 111.5 | 12021.4 | 200.0 | -62.9 | -62.9 | 999.9 | 95.9 | 99.9 | 99.9 | 333.9 | 333.9 | 95.9 | 999.5 | 999.9 | 999.0 |
| 44.5 | 117.3 | 12717.3 | 175.0 | -60.0 | -60.0 | 999.9 | 95.9 | 99.9 | 99.9 | 350.9 | 350.9 | 95.9 | 999.5 | 999.9 | 999.0 |
| 47.6 | 123.2 | 13866.5 | 150.0 | -57.9 | -57.9 | 999.9 | 95.9 | 99.9 | 99.9 | 370.4 | 370.4 | 55.9 | 999.5 | 999.5 | 999.0 |
| 51.4 | 131.0 | 15021.3 | 125.0 | -61.2 | -61.2 | 999.9 | 95.9 | 99.9 | 99.9 | 407.1 | 407.1 | 55.9 | 999.5 | 999.5 | 999.0 |
| 54.9 | 138.0 | 16400.9 | 100.0 | -62.9 | -62.9 | 999.9 | 95.9 | 99.9 | 99.9 | 99.9 | 555.8 | 95.9 | 999.5 | 999.5 | 999.0 |
| 59.9 | 59.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 555.8 | 95.9 | 999.5 | 999.5 | 999.0 |
| 59.9 | 59.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 555.8 | 95.9 | 999.5 | 999.5 | 999.0 |
| 59.9 | 59.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 555.8 | 95.9 | 999.5 | 999.5 | 999.0 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 9
GAGE, OKLAHOMA
20 APRIL 1979
205 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES HP | TEMP DG C | DEW PT DG C | CIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | ECT T CG K | E PCT T DE K | W P RTO GP/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|------------------|-----------|-------------|----------|
| 0.0 | 11.9 | 678.0 | 932.3 | 19.7 | 10.7 | 99.9 | 99.9 | 99.9 | 99.9 | 358.8 | 322.3 | 6.7 | 58.0 | 995.5 | 559. |
| 5.0 | 55.9 | 99.9 | 1000.0 | 99.9 | 59.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.5 | 559. |
| 5.0 | 55.9 | 99.9 | 975.0 | 99.9 | 59.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 95.9 | 599.5 | 999.5 | 559. |
| 5.0 | 55.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 95.9 | 599.5 | 999.5 | 559. |
| 7.0 | 12.5 | 745.5 | 925.0 | 19.7 | 99.9 | 55.9 | 95.9 | 99.9 | 99.9 | 299.0 | 99.9 | 95.9 | 599.5 | 999.5 | 559. |
| 1.3 | 14.4 | 980.8 | 900.0 | 20.4 | 9.9 | 99.9 | 95.9 | 59.9 | 99.9 | 302.5 | 324.1 | 8.6 | 51.0 | 999.5 | 559. |
| 2.0 | 17.1 | 1225.2 | 975.0 | 22.9 | 1.7 | 55.9 | 95.9 | 59.9 | 99.9 | 207.6 | 322.0 | 5.0 | 28.6 | 999.5 | 559. |
| 2.6 | 19.4 | 1476.5 | 950.0 | 21.0 | -0.5 | 55.9 | 55.9 | 59.9 | 99.9 | 208.1 | 320.9 | 4.4 | 23.6 | 999.5 | 559. |
| 3.3 | 21.7 | 1733.3 | 925.0 | 18.8 | -2.1 | 55.9 | 55.9 | 59.9 | 99.9 | 208.4 | 320.2 | 4.0 | 24.2 | 999.5 | 559. |
| 4.2 | 24.1 | 1905.9 | 800.0 | 16.9 | -2.8 | 55.9 | 99.9 | 59.9 | 99.9 | 209.2 | 320.7 | 3.9 | 25.7 | 999.5 | 559. |
| 5.1 | 26.4 | 2265.7 | 775.0 | 14.9 | -3.2 | 55.9 | 99.9 | 59.9 | 99.9 | 209.8 | 321.4 | 2.9 | 28.4 | 999.5 | 559. |
| 6.1 | 28.7 | 2541.6 | 750.0 | 12.3 | -3.6 | 55.9 | 99.9 | 59.9 | 99.9 | 210.0 | 321.6 | 3.9 | 32.7 | 999.5 | 559. |
| 7.0 | 31.3 | 2824.8 | 725.0 | 10.1 | -4.4 | 55.9 | 99.9 | 59.9 | 99.9 | 210.5 | 321.8 | 2.8 | 35.7 | 999.5 | 559. |
| 8.2 | 33.9 | 3115.0 | 700.0 | 7.3 | -5.1 | 55.9 | 99.9 | 59.9 | 99.9 | 210.6 | 321.7 | 2.7 | 40.7 | 999.5 | 559. |
| 9.4 | 36.3 | 3412.3 | 675.0 | 4.5 | -6.0 | 55.9 | 99.9 | 59.9 | 99.9 | 211.2 | 322.0 | 1.6 | 44.5 | 999.5 | 559. |
| 10.8 | 39.9 | 3719.9 | 650.0 | 2.6 | -6.8 | 55.9 | 99.9 | 59.9 | 99.9 | 212.0 | 320.5 | 2.8 | 39.2 | 999.5 | 559. |
| 12.1 | 41.5 | 4035.8 | 625.0 | -0.0 | -13.4 | 55.9 | 95.9 | 59.9 | 99.9 | 212.4 | 315.1 | 2.2 | 35.6 | 999.5 | 559. |
| 13.3 | 44.2 | 4361.3 | 600.0 | -1.9 | -25.4 | 55.9 | 99.9 | 59.9 | 99.9 | 214.0 | 316.0 | 0.8 | 14.6 | 999.5 | 559. |
| 14.6 | 46.9 | 4698.1 | 575.0 | -4.2 | -21.2 | 55.9 | 55.9 | 59.9 | 99.9 | 215.1 | 310.1 | 1.2 | 25.1 | 999.5 | 559. |
| 15.7 | 49.7 | 5046.8 | 550.0 | -7.0 | -20.9 | 55.9 | 59.9 | 59.9 | 99.9 | 215.8 | 320.0 | 1.3 | 32.2 | 999.5 | 559. |
| 16.9 | 52.5 | 5407.9 | 525.0 | -9.6 | -18.3 | 55.9 | 59.9 | 59.9 | 99.9 | 217.3 | 322.2 | 1.7 | 49.6 | 999.5 | 559. |
| 18.1 | 55.4 | 5782.6 | 500.0 | -12.9 | -19.6 | 55.9 | 59.9 | 59.9 | 99.9 | 217.3 | 322.5 | 1.6 | 56.6 | 999.5 | 559. |
| 19.1 | 58.4 | 6171.6 | 475.0 | -16.0 | -19.7 | 55.9 | 59.9 | 59.9 | 99.9 | 218.2 | 323.6 | 1.7 | 73.1 | 999.5 | 559. |
| 20.4 | 61.5 | 6576.6 | 450.0 | -19.3 | -20.4 | 55.9 | 99.9 | 59.9 | 99.9 | 219.0 | 324.4 | 1.7 | 90.6 | 999.5 | 559. |
| 22.0 | 64.5 | 7000.2 | 425.0 | -21.0 | -22.6 | 55.9 | 99.9 | 59.9 | 99.9 | 221.3 | 326.1 | 1.5 | 91.7 | 999.5 | 559. |
| 23.5 | 67.9 | 7443.8 | 400.0 | -25.2 | -26.4 | 55.9 | 99.9 | 59.9 | 99.9 | 222.2 | 325.9 | 1.1 | 89.6 | 999.5 | 559. |
| 24.9 | 71.3 | 7909.0 | 375.0 | -29.1 | -31.0 | 55.9 | 99.9 | 59.9 | 99.9 | 223.1 | 325.7 | 0.8 | 83.6 | 999.5 | 559. |
| 26.5 | 74.7 | 8398.4 | 350.0 | -33.2 | -35.1 | 55.9 | 59.9 | 59.9 | 99.9 | 224.0 | 325.9 | 0.5 | 82.7 | 999.5 | 559. |
| 28.2 | 78.3 | 8915.0 | 325.0 | -37.2 | -39.5 | 55.9 | 99.9 | 59.9 | 99.9 | 225.4 | 325.9 | 55.9 | 599.5 | 999.5 | 559. |
| 30.1 | 82.1 | 9462.5 | 300.0 | -42.2 | 99.9 | 55.9 | 59.9 | 59.9 | 99.9 | 226.0 | 325.9 | 55.9 | 599.5 | 999.5 | 559. |
| 32.0 | 86.0 | 10044.4 | 275.0 | -47.3 | 99.9 | 55.9 | 59.9 | 59.9 | 99.9 | 228.5 | 325.9 | 99.9 | 599.5 | 999.5 | 559. |
| 34.1 | 90.2 | 10667.6 | 250.0 | -52.2 | 99.9 | 55.9 | 59.9 | 59.9 | 99.9 | 228.5 | 325.9 | 99.9 | 599.5 | 999.5 | 559. |
| 36.2 | 94.6 | 11340.5 | 225.0 | -58.2 | 99.9 | 55.9 | 59.9 | 59.9 | 99.9 | 229.4 | 325.9 | 99.9 | 599.5 | 999.5 | 559. |
| 38.7 | 99.2 | 12073.6 | 200.0 | -62.4 | 99.9 | 55.9 | 59.9 | 59.9 | 99.9 | 233.9 | 325.9 | 99.9 | 599.5 | 999.5 | 559. |
| 41.6 | 104.4 | 12803.9 | 175.0 | -60.2 | 99.9 | 55.9 | 59.9 | 59.9 | 99.9 | 250.7 | 325.9 | 99.9 | 599.5 | 999.5 | 559. |
| 44.9 | 109.8 | 13665.5 | 150.0 | -60.4 | 99.9 | 55.9 | 59.9 | 59.9 | 99.9 | 266.0 | 325.9 | 99.9 | 599.5 | 999.5 | 559. |
| 48.2 | 116.0 | 14998.5 | 125.0 | -63.1 | 99.9 | 55.9 | 59.9 | 59.9 | 99.9 | 280.8 | 325.9 | 99.9 | 599.5 | 999.5 | 559. |
| 51.8 | 123.3 | 16360.1 | 100.0 | -66.2 | 99.9 | 55.9 | 59.9 | 59.9 | 99.9 | 285.2 | 325.9 | 99.9 | 599.5 | 999.5 | 559. |
| 55.9 | 59.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 59.9 | 55.9 | 99.9 | 999.5 | 999.5 | 559. |
| 59.9 | 59.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 59.9 | 55.9 | 99.9 | 999.5 | 999.5 | 559. |
| 59.9 | 59.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 59.9 | 55.9 | 99.9 | 999.5 | 999.5 | 559. |

9.9 SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
9.9 BY TEND MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
9.9 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

| STATION NO. 9 GAGE, OKLAHOMA | | | | | | | | | | | | | |
|---------------------------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|
| 20 APRIL 1979 515 GMT | | | | | | | | | | | | | |
| TIME MIN | CNTCT | HEIGHT GPM | PPES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U CORP M/SEC | V CORP M/SEC | PCT Y CG K | E POT Y DG K | MZ RTD GP/KG | RM PCT |
| 0.0 | 13.8 | 678.0 | 933.8 | 19.2 | 17.1 | 959.9 | 99.9 | 99.9 | 99.9 | 298.2 | 333.3 | 13.3 | 87.0 |
| 5.0 | 59.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 |
| 55.0 | 59.9 | 99.9 | 575.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 |
| 55.0 | 99.9 | 99.9 | 550.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 |
| 0.1 | 14.0 | 759.7 | 525.0 | 19.2 | 17.5 | 959.9 | 99.9 | 99.9 | 99.9 | 298.2 | 333.3 | 13.3 | 87.0 |
| 1.1 | 16.4 | 996.1 | 900.0 | 18.1 | 17.0 | 959.9 | 99.9 | 99.9 | 99.9 | 300.2 | 336.6 | 12.7 | 92.5 |
| 1.8 | 18.8 | 1237.9 | 975.0 | 16.6 | 15.1 | 959.9 | 99.9 | 99.9 | 99.9 | 301.2 | 334.7 | 12.5 | 90.1 |
| 2.6 | 21.7 | 1486.1 | 850.0 | 17.7 | 10.0 | 959.9 | 99.9 | 99.9 | 99.9 | 304.7 | 330.0 | 5.2 | 60.5 |
| 3.7 | 23.9 | 1741.5 | 825.0 | 18.1 | 1.0 | 959.9 | 99.9 | 99.9 | 99.9 | 307.7 | 322.2 | 5.0 | 31.7 |
| 4.7 | 26.5 | 2004.3 | 800.0 | 18.7 | -2.2 | 959.9 | 99.9 | 99.9 | 99.9 | 309.0 | 321.0 | 4.1 | 27.2 |
| 5.7 | 29.0 | 2273.6 | 775.0 | 15.4 | -7.4 | 959.9 | 99.9 | 99.9 | 99.9 | 310.4 | 319.0 | 2.8 | 20.0 |
| 6.9 | 31.7 | 2550.4 | 750.0 | 12.8 | -7.4 | 959.9 | 99.9 | 99.9 | 99.9 | 310.5 | 319.4 | 2.9 | 23.7 |
| 7.8 | 34.3 | 2823.6 | 725.0 | 10.3 | -7.9 | 959.9 | 99.9 | 99.9 | 99.9 | 310.8 | 319.6 | 3.9 | 27.0 |
| 8.9 | 37.1 | 3123.9 | 700.0 | 7.6 | -7.7 | 959.9 | 99.9 | 99.9 | 99.9 | 310.9 | 320.1 | 3.1 | 32.8 |
| 10.0 | 39.9 | 3422.1 | 675.0 | 4.9 | -8.8 | 959.9 | 99.9 | 99.9 | 99.9 | 311.1 | 315.9 | 2.9 | 36.4 |
| 11.1 | 42.7 | 3728.2 | 650.0 | 2.0 | -13.7 | 959.9 | 99.9 | 99.9 | 99.9 | 311.2 | 317.7 | 2.1 | 30.8 |
| 12.4 | 45.5 | 4043.7 | 625.0 | 0.4 | -24.5 | 959.9 | 99.9 | 99.9 | 99.9 | 312.9 | 315.7 | 0.9 | 13.5 |
| 13.6 | 48.4 | 4359.4 | 600.0 | -2.1 | -30.0 | 959.9 | 99.9 | 99.9 | 99.9 | 313.7 | 315.7 | 0.6 | 10.8 |
| 14.7 | 51.4 | 4686.0 | 575.0 | -4.4 | -35.0 | 959.9 | 99.9 | 99.9 | 99.9 | 314.6 | 316.0 | 0.3 | 7.1 |
| 15.9 | 54.4 | 5015.1 | 550.0 | -7.4 | -42.2 | 959.9 | 99.9 | 99.9 | 99.9 | 315.4 | 316.0 | 0.2 | 4.2 |
| 17.1 | 57.5 | 5315.0 | 525.0 | -9.2 | -49.5 | 959.9 | 99.9 | 99.9 | 99.9 | 317.4 | 318.2 | 0.2 | 6.4 |
| 18.9 | 60.7 | 5790.7 | 500.0 | -11.8 | -55.5 | 959.9 | 99.9 | 99.9 | 99.9 | 318.7 | 320.0 | 0.4 | 11.5 |
| 20.2 | 64.0 | 6181.0 | 475.0 | -15.0 | -60.1 | 959.9 | 99.9 | 99.9 | 99.9 | 319.4 | 320.5 | 0.3 | 11.8 |
| 21.6 | 67.3 | 6567.2 | 450.0 | -18.2 | -60.3 | 959.9 | 99.9 | 99.9 | 99.9 | 320.3 | 321.2 | 0.2 | 12.2 |
| 23.3 | 70.7 | 7012.0 | 425.0 | -20.7 | -67.3 | 959.9 | 99.9 | 99.9 | 99.9 | 322.4 | 322.9 | 0.1 | 7.1 |
| 24.9 | 74.3 | 7457.2 | 400.0 | -23.5 | -66.9 | 959.9 | 99.9 | 99.9 | 99.9 | 323.9 | 324.4 | 0.1 | 9.5 |
| 26.7 | 78.0 | 7924.2 | 375.0 | -28.0 | -65.1 | 959.9 | 99.9 | 99.9 | 99.9 | 324.5 | 325.2 | 0.2 | 17.5 |
| 28.4 | 81.9 | 8415.4 | 350.0 | -32.2 | -60.0 | 959.9 | 99.9 | 99.9 | 99.9 | 325.3 | 326.0 | 0.2 | 23.6 |
| 30.8 | 85.8 | 8934.2 | 325.0 | -36.1 | -50.2 | 959.9 | 99.9 | 99.9 | 99.9 | 327.0 | 327.4 | 0.1 | 21.4 |
| 33.3 | 90.0 | 9445.4 | 300.0 | -40.3 | 99.9 | 959.9 | 99.9 | 99.9 | 99.9 | 328.6 | 328.9 | 99.9 | 999.9 |
| 35.4 | 94.4 | 10072.8 | 275.0 | -45.1 | 99.9 | 959.9 | 99.9 | 99.9 | 99.9 | 329.9 | 329.9 | 99.9 | 999.9 |
| 37.5 | 99.2 | 10702.1 | 250.0 | -50.5 | 99.9 | 959.9 | 99.9 | 99.9 | 99.9 | 331.1 | 329.9 | 99.9 | 999.9 |
| 40.4 | 104.0 | 11390.4 | 225.0 | -56.6 | 99.9 | 959.9 | 99.9 | 99.9 | 99.9 | 331.4 | 329.9 | 99.9 | 999.9 |
| 43.4 | 109.4 | 12121.9 | 200.0 | -59.4 | 99.9 | 959.9 | 99.9 | 99.9 | 99.9 | 333.3 | 329.9 | 99.9 | 999.9 |
| 47.1 | 115.2 | 12955.4 | 175.0 | -58.4 | 99.9 | 959.9 | 99.9 | 99.9 | 99.9 | 333.5 | 329.9 | 99.9 | 999.9 |
| 50.9 | 121.5 | 13825.0 | 150.0 | -58.6 | 99.9 | 959.9 | 99.9 | 99.9 | 99.9 | 333.5 | 329.9 | 99.9 | 999.9 |
| 55.8 | 128.3 | 15041.2 | 125.0 | -62.9 | 99.9 | 959.9 | 99.9 | 99.9 | 99.9 | 333.5 | 329.9 | 99.9 | 999.9 |
| 59.9 | 59.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 |
| 59.9 | 59.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 |
| 59.9 | 59.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 |
| 59.9 | 59.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

| STATION NO. 9 CAGE, OKLAHOMA | | | | | | | | | | | | | |
|---------------------------------|-------|---------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 28 APRIL 1979 | | | | | | | | | | | | | |
| 087 GMT | | | | | | | | | | | | | |
| TIME | CNTCY | HEIGHT | PRES | TEMP | DEW PT | DIR | SPEED | U | V | FCY | E | MA | RANGE |
| MIN | | GPM | MB | DEG C | DEG C | DEG | M/SEC | M/SEC | M/SEC | CG K | CG K | CG/KG | KM |
| | | | | | | | | | | | | | |
| 0.0 | 11.9 | 672.0 | 934.9 | 18.4 | 16.8 | 955.9 | 55.9 | 99.9 | 59.5 | 257.3 | 331.8 | 12.0 | 99.9 |
| 1.0 | 59.9 | 1000.0 | 934.9 | 99.9 | 99.9 | 955.9 | 55.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 2.0 | 59.9 | 99.9 | 975.0 | 99.9 | 99.9 | 955.9 | 55.9 | 99.9 | 59.5 | 59.5 | 555.9 | 99.9 | 99.9 |
| 3.0 | 59.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 555.9 | 99.9 | 99.9 |
| 4.0 | 12.4 | 769.5 | 925.0 | 18.2 | 55.4 | 955.9 | 55.9 | 99.9 | 99.9 | 298.4 | 999.9 | 99.9 | 99.9 |
| 5.0 | 1.1 | 1005.1 | 900.0 | 17.8 | 16.4 | 955.9 | 55.9 | 99.9 | 99.9 | 299.9 | 334.9 | 13.2 | 99.9 |
| 6.0 | 17.1 | 1246.4 | 875.0 | 16.6 | 14.4 | 955.9 | 55.9 | 99.9 | 99.9 | 301.1 | 322.9 | 11.5 | 99.9 |
| 7.0 | 19.5 | 1094.1 | 850.0 | 16.1 | 13.1 | 955.9 | 55.9 | 99.9 | 99.9 | 303.1 | 333.7 | 11.3 | 99.9 |
| 8.0 | 22.0 | 1748.2 | 825.0 | 15.4 | 10.1 | 955.9 | 55.9 | 99.9 | 99.9 | 304.9 | 331.1 | 5.5 | 99.9 |
| 9.0 | 24.5 | 2009.6 | 800.0 | 14.8 | 7.7 | 955.9 | 55.9 | 99.9 | 99.9 | 307.0 | 320.3 | 6.3 | 99.9 |
| 10.0 | 27.0 | 2277.6 | 775.0 | 12.5 | 5.6 | 955.9 | 55.9 | 99.9 | 99.9 | 307.2 | 328.2 | 7.4 | 99.9 |
| 11.0 | 29.5 | 2552.6 | 750.0 | 10.7 | 3.5 | 955.9 | 55.9 | 99.9 | 99.9 | 308.2 | 327.1 | 6.6 | 99.9 |
| 12.0 | 32.1 | 2834.3 | 725.0 | 8.4 | 0.6 | 955.9 | 55.9 | 99.9 | 99.9 | 308.7 | 324.7 | 5.6 | 99.9 |
| 13.0 | 34.9 | 3123.6 | 700.0 | 6.3 | -3.9 | 955.9 | 55.9 | 99.9 | 99.9 | 309.5 | 321.6 | 4.1 | 99.9 |
| 14.0 | 37.4 | 3420.8 | 675.0 | 4.2 | -7.1 | 955.9 | 55.9 | 99.9 | 99.9 | 310.3 | 320.3 | 2.3 | 99.9 |
| 15.0 | 40.2 | 3724.1 | 650.0 | 0.9 | -10.5 | 955.9 | 55.9 | 99.9 | 99.9 | 310.9 | 318.0 | 2.7 | 99.9 |
| 16.0 | 43.0 | 4039.7 | 625.0 | -2.1 | -13.4 | 955.9 | 55.9 | 99.9 | 99.9 | 310.1 | 316.2 | 2.2 | 99.9 |
| 17.0 | 45.9 | 4362.7 | 600.0 | -4.9 | -14.7 | 955.9 | 55.9 | 99.9 | 99.9 | 310.5 | 316.2 | 2.0 | 99.9 |
| 18.0 | 48.9 | 4695.7 | 575.0 | -8.2 | -16.6 | 955.9 | 55.9 | 99.9 | 99.9 | 310.4 | 316.0 | 1.8 | 99.9 |
| 19.0 | 51.4 | 5035.6 | 550.0 | -10.4 | -18.3 | 955.9 | 55.9 | 99.9 | 99.9 | 311.7 | 315.2 | 1.2 | 99.9 |
| 20.0 | 54.4 | 5396.3 | 525.0 | -12.7 | -20.5 | 955.9 | 55.9 | 99.9 | 99.9 | 313.2 | 315.2 | 0.8 | 99.9 |
| 21.0 | 57.9 | 5766.8 | 500.0 | -14.9 | -22.5 | 955.9 | 55.9 | 99.9 | 99.9 | 316.9 | 316.2 | 0.5 | 99.9 |
| 22.0 | 61.1 | 6152.9 | 475.0 | -17.8 | -23.2 | 955.9 | 55.9 | 99.9 | 99.9 | 316.0 | 317.6 | 0.5 | 99.9 |
| 23.0 | 64.4 | 6555.8 | 450.0 | -20.2 | -27.3 | 955.9 | 55.9 | 99.9 | 99.9 | 317.9 | 315.0 | 0.3 | 99.9 |
| 24.0 | 67.4 | 6976.4 | 425.0 | -23.4 | -31.3 | 955.9 | 55.9 | 99.9 | 99.9 | 319.1 | 315.9 | 0.2 | 99.9 |
| 25.0 | 71.3 | 7416.8 | 400.0 | -26.5 | -33.7 | 955.9 | 55.9 | 99.9 | 99.9 | 320.5 | 321.2 | 0.2 | 99.9 |
| 26.0 | 74.7 | 7879.2 | 375.0 | -30.6 | -36.8 | 955.9 | 55.9 | 99.9 | 99.9 | 321.1 | 321.7 | 0.1 | 99.9 |
| 27.0 | 78.7 | 8365.1 | 350.0 | -34.6 | -37.0 | 955.9 | 55.9 | 99.9 | 99.9 | 322.0 | 322.6 | 0.2 | 99.9 |
| 28.0 | 82.5 | 8880.1 | 325.0 | -37.2 | -30.3 | 955.9 | 55.9 | 99.9 | 99.9 | 324.5 | 325.0 | 0.1 | 99.9 |
| 29.0 | 86.7 | 9426.1 | 300.0 | -42.7 | 99.9 | 955.9 | 55.9 | 99.9 | 99.9 | 326.4 | 326.4 | 99.9 | 99.9 |
| 30.0 | 91.0 | 10006.9 | 275.0 | -47.5 | 99.9 | 955.9 | 55.9 | 99.9 | 99.9 | 326.4 | 326.4 | 99.9 | 99.9 |
| 31.0 | 95.9 | 99.9 | 250.0 | 99.9 | 99.9 | 955.9 | 55.9 | 99.9 | 99.9 | 326.4 | 326.4 | 99.9 | 99.9 |
| 32.0 | 99.9 | 99.9 | 225.0 | 99.9 | 99.9 | 955.9 | 55.9 | 99.9 | 99.9 | 326.4 | 326.4 | 99.9 | 99.9 |
| 33.0 | 99.9 | 99.9 | 200.0 | 99.9 | 99.9 | 955.9 | 55.9 | 99.9 | 99.9 | 326.4 | 326.4 | 99.9 | 99.9 |
| 34.0 | 99.9 | 99.9 | 175.0 | 99.9 | 99.9 | 955.9 | 55.9 | 99.9 | 99.9 | 326.4 | 326.4 | 99.9 | 99.9 |
| 35.0 | 99.9 | 99.9 | 150.0 | 99.9 | 99.9 | 955.9 | 55.9 | 99.9 | 99.9 | 326.4 | 326.4 | 99.9 | 99.9 |
| 36.0 | 99.9 | 99.9 | 125.0 | 99.9 | 99.9 | 955.9 | 55.9 | 99.9 | 99.9 | 326.4 | 326.4 | 99.9 | 99.9 |
| 37.0 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 955.9 | 55.9 | 99.9 | 99.9 | 326.4 | 326.4 | 99.9 | 99.9 |
| 38.0 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 955.9 | 55.9 | 99.9 | 99.9 | 326.4 | 326.4 | 99.9 | 99.9 |
| 39.0 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 955.9 | 55.9 | 99.9 | 99.9 | 326.4 | 326.4 | 99.9 | 99.9 |
| 40.0 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 955.9 | 55.9 | 99.9 | 99.9 | 326.4 | 326.4 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 18 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 9
GAGE, OKLAHOMA
20 APRIL 1979
1105 GMT

| TIME MIN | CNTCT | HEIGHT GDM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | E PCT T DG K | M R TO G/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|-----------------|----------------|-----------|-------------|----------|
| 0.0 | 11.9 | 676.0 | 937.4 | 19.8 | 17.0 | 959.9 | 95.9 | 59.9 | 59.9 | 333.2 | 13.2 | 84.8 | 999.9 | 999.9 |
| 5.9 | 59.9 | 99.9 | 1000.0 | 99.9 | 59.9 | 59.9 | 95.9 | 59.9 | 59.9 | 555.9 | 95.9 | 599.5 | 999.9 | 999.9 |
| 5.9 | 59.9 | 99.9 | 975.0 | 99.9 | 59.9 | 59.9 | 55.9 | 59.9 | 59.9 | 555.9 | 55.9 | 599.5 | 999.9 | 999.9 |
| 5.9 | 59.9 | 99.9 | 953.0 | 99.9 | 99.9 | 59.9 | 99.9 | 99.9 | 99.9 | 555.9 | 99.9 | 599.5 | 999.9 | 999.9 |
| 0.4 | 13.0 | 792.4 | 925.0 | 17.5 | 59.9 | 999.9 | 95.9 | 59.9 | 59.9 | 555.9 | 95.9 | 599.5 | 999.9 | 999.9 |
| 1.3 | 15.2 | 1027.0 | 900.0 | 16.1 | 15.3 | 959.9 | 59.9 | 59.9 | 59.9 | 555.9 | 12.3 | 54.5 | 999.9 | 999.9 |
| 2.0 | 17.5 | 1246.9 | 875.0 | 15.1 | 14.3 | 959.9 | 55.9 | 59.9 | 59.9 | 555.9 | 11.9 | 95.8 | 999.9 | 999.9 |
| 7.7 | 19.7 | 1512.8 | 850.0 | 13.7 | 13.0 | 959.9 | 99.9 | 59.9 | 59.9 | 555.9 | 11.2 | 95.8 | 999.9 | 999.9 |
| 7.6 | 22.1 | 1764.3 | 825.0 | 11.8 | 10.9 | 959.9 | 55.9 | 59.9 | 59.9 | 555.9 | 10.0 | 94.1 | 999.9 | 999.9 |
| 4.6 | 24.5 | 2021.4 | 800.0 | 10.1 | 4.5 | 959.9 | 99.9 | 59.9 | 59.9 | 555.9 | 5.6 | 68.7 | 999.9 | 999.9 |
| 5.3 | 26.8 | 2285.7 | 775.0 | 9.6 | 1.6 | 555.9 | 55.9 | 59.9 | 59.9 | 555.9 | 5.6 | 63.5 | 999.9 | 999.9 |
| 4.1 | 28.2 | 2557.2 | 753.0 | 7.6 | 1.1 | 999.9 | 95.9 | 59.9 | 59.9 | 555.9 | 5.6 | 63.5 | 999.9 | 999.9 |
| 3.2 | 31.7 | 2935.4 | 725.0 | 4.7 | -1.5 | 959.9 | 55.9 | 59.9 | 59.9 | 555.9 | 4.9 | 65.8 | 999.9 | 999.9 |
| 11.1 | 34.2 | 3120.9 | 700.0 | 4.6 | -15.4 | 959.9 | 55.9 | 59.9 | 59.9 | 555.9 | 1.7 | 22.6 | 999.9 | 999.9 |
| 12.0 | 36.8 | 3415.8 | 675.0 | 2.2 | -21.1 | 959.9 | 59.9 | 59.9 | 59.9 | 555.9 | 1.0 | 15.5 | 999.9 | 999.9 |
| 14.1 | 39.4 | 3719.2 | 650.0 | -0.2 | -20.5 | 959.9 | 55.9 | 59.9 | 59.9 | 555.9 | 1.2 | 20.2 | 999.9 | 999.9 |
| 15.2 | 42.0 | 4031.2 | 625.0 | -3.0 | -18.8 | 959.9 | 55.9 | 59.9 | 59.9 | 555.9 | 1.4 | 28.2 | 999.9 | 999.9 |
| 17.4 | 44.8 | 4353.0 | 600.0 | -5.4 | -40.0 | 959.9 | 59.9 | 59.9 | 59.9 | 555.9 | 0.3 | 7.0 | 999.9 | 999.9 |
| 17.5 | 47.4 | 4684.0 | 575.0 | -7.1 | -54.4 | 959.9 | 59.9 | 59.9 | 59.9 | 555.9 | 0.0 | 1.0 | 999.9 | 999.9 |
| 18.6 | 50.3 | 5030.4 | 550.0 | -9.8 | -56.1 | 959.9 | 99.9 | 59.9 | 59.9 | 555.9 | 0.0 | 1.0 | 999.9 | 999.9 |
| 19.9 | 53.2 | 5387.8 | 525.0 | -12.7 | -54.6 | 999.9 | 95.9 | 59.9 | 59.9 | 555.9 | 0.1 | 2.1 | 999.9 | 999.9 |
| 20.3 | 56.1 | 5757.8 | 500.0 | -15.4 | -26.7 | 555.9 | 99.9 | 59.9 | 59.9 | 555.9 | 0.9 | 37.8 | 999.9 | 999.9 |
| 21.9 | 58.7 | 6144.0 | 475.0 | -17.4 | -50.5 | 999.9 | 95.9 | 59.9 | 59.9 | 555.9 | 0.0 | 2.2 | 999.9 | 999.9 |
| 23.3 | 62.3 | 6546.8 | 450.0 | -20.0 | -61.4 | 959.9 | 95.9 | 59.9 | 59.9 | 555.9 | 0.8 | 1.2 | 999.9 | 999.9 |
| 24.5 | 65.4 | 6768.0 | 425.0 | -23.4 | -41.6 | 999.9 | 55.9 | 59.9 | 59.9 | 555.9 | 0.2 | 16.2 | 999.9 | 999.9 |
| 27.4 | 72.0 | 7863.9 | 375.0 | -30.6 | -67.3 | 959.9 | 55.9 | 59.9 | 59.9 | 555.9 | 0.0 | 1.0 | 999.9 | 999.9 |
| 28.5 | 75.6 | 8357.0 | 350.0 | -34.4 | -38.9 | 959.9 | 99.9 | 59.9 | 59.9 | 555.9 | 0.4 | 63.5 | 999.9 | 999.9 |
| 29.7 | 78.7 | 8976.3 | 325.0 | -39.0 | 99.9 | 959.9 | 55.9 | 59.9 | 59.9 | 555.9 | 95.9 | 999.5 | 999.9 | 999.9 |
| 31.5 | 82.0 | 9412.4 | 300.0 | -44.6 | 59.9 | 999.9 | 59.9 | 59.9 | 59.9 | 555.9 | 55.9 | 999.5 | 999.9 | 999.9 |
| 34.1 | 87.0 | 9989.3 | 275.0 | -49.2 | 59.9 | 959.9 | 55.9 | 59.9 | 59.9 | 555.9 | 55.9 | 999.5 | 999.9 | 999.9 |
| 37.4 | 91.2 | 10606.7 | 250.0 | -53.1 | 99.9 | 959.9 | 99.9 | 59.9 | 59.9 | 555.9 | 55.9 | 999.5 | 999.9 | 999.9 |
| 40.1 | 95.7 | 11281.5 | 225.0 | -57.6 | 99.9 | 959.9 | 55.9 | 59.9 | 59.9 | 555.9 | 95.9 | 999.5 | 999.9 | 999.9 |
| 42.0 | 100.4 | 12017.4 | 200.0 | -61.9 | 99.9 | 959.9 | 55.9 | 59.9 | 59.9 | 555.9 | 95.9 | 999.5 | 999.9 | 999.9 |
| 44.7 | 105.4 | 12945.5 | 175.0 | -59.4 | 99.9 | 999.9 | 99.9 | 59.9 | 59.9 | 555.9 | 95.9 | 999.5 | 999.9 | 999.9 |
| 51.1 | 111.3 | 13817.2 | 150.0 | -57.2 | 99.9 | 959.9 | 99.9 | 59.9 | 59.9 | 555.9 | 95.9 | 999.5 | 999.9 | 999.9 |
| 55.0 | 117.3 | 14956.3 | 125.0 | -61.7 | 99.9 | 959.9 | 55.9 | 59.9 | 59.9 | 555.9 | 55.9 | 999.5 | 999.9 | 999.9 |
| 55.9 | 55.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 59.9 | 59.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 59.9 | 59.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 95.9 | 95.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION AC. 13
 MONROE, LOUISIANA

| 10 APRIL 1979 | | | | | | | | | | | | | | 123 102. 0 | | | |
|---------------|-------|---------|--------|-------|--------|-------|-------|--------|--------|-------|---------|--------|-------|------------|------|--|--|
| 1105 GMT | | | | | | | | | | | | | | | | | |
| TIME | CHTCY | HEIGHT | PRES | TEMP | DEW PT | DIR | SPEED | U COMP | V COMP | FCT Y | E FCT Y | MX RTO | RM | RANGE | AZ | | |
| MIN | | GPH | MB | DEG C | DEG C | DEG | M/SEC | M/SEC | M/SEC | DEG K | DEG K | GP/KG | PCT | KM | DEG | | |
| 0.0 | 5.1 | 27.0 | 1017.1 | 19.9 | 15.6 | 120.0 | 1.0 | -0.9 | 0.5 | 250.6 | 319.0 | 11.0 | 81.0 | 0.0 | 0. | | |
| 0.2 | 6.7 | 173.0 | 1000.0 | 19.7 | 14.7 | 112.1 | 3.9 | 2.1 | 3.3 | 252.9 | 320.5 | 10.6 | 73.0 | 0.4 | 331. | | |
| 1.0 | 5.0 | 392.1 | 975.0 | 20.5 | 12.0 | 157.4 | 6.7 | 2.0 | 6.4 | 255.2 | 321.7 | 5.6 | 60.1 | 0.5 | 345. | | |
| 1.9 | 11.4 | 616.8 | 950.0 | 20.0 | 10.0 | 165.2 | 5.6 | -1.7 | 9.5 | 257.5 | 319.5 | 6.2 | 52.7 | 1.0 | 352. | | |
| 2.6 | 12.8 | 646.5 | 925.0 | 19.1 | 7.6 | 161.9 | 10.5 | -3.3 | 10.0 | 258.8 | 316.2 | 7.1 | 47.1 | 1.4 | 349. | | |
| 3.5 | 16.3 | 1081.4 | 900.0 | 17.4 | 7.6 | 159.4 | 10.2 | -3.6 | 9.6 | 299.4 | 315.5 | 7.3 | 52.6 | 2.0 | 347. | | |
| 4.3 | 18.8 | 1321.1 | 875.0 | 15.0 | 5.6 | 161.0 | 11.1 | -3.6 | 10.5 | 299.4 | 317.5 | 6.6 | 53.4 | 2.5 | 345. | | |
| 5.2 | 21.2 | 1566.0 | 850.0 | 13.6 | 1.6 | 167.1 | 11.6 | -2.6 | 11.3 | 300.4 | 314.7 | 5.1 | 44.2 | 3.1 | 345. | | |
| 6.1 | 23.6 | 1816.6 | 825.0 | 12.1 | -0.7 | 162.6 | 11.0 | -2.1 | 10.6 | 301.4 | 302.5 | 2.4 | 22.4 | 3.7 | 346. | | |
| 7.0 | 26.4 | 2073.4 | 800.0 | 10.3 | -11.2 | 164.9 | 9.9 | -2.6 | 9.6 | 302.4 | 302.4 | 5.0 | 20.4 | 4.3 | 346. | | |
| 7.9 | 29.0 | 2336.3 | 775.0 | 7.9 | -6.5 | 171.1 | 9.9 | -1.5 | 9.8 | 302.3 | 311.1 | 3.0 | 35.1 | 4.8 | 346. | | |
| 8.8 | 31.7 | 2605.3 | 750.0 | 5.1 | -4.1 | 179.9 | 8.0 | -0.0 | 8.0 | 302.1 | 312.1 | 2.8 | 52.0 | 5.3 | 347. | | |
| 9.6 | 34.3 | 2862.3 | 725.0 | 4.4 | 4.4 | 204.7 | 6.7 | 2.0 | 6.1 | 304.3 | 324.5 | 7.3 | 103.0 | 5.7 | 348. | | |
| 10.7 | 37.1 | 3169.2 | 700.0 | 3.4 | 3.4 | 217.2 | 7.1 | 4.3 | 5.6 | 306.2 | 326.0 | 7.0 | 102.4 | 5.5 | 351. | | |
| 11.7 | 39.9 | 3463.1 | 675.0 | 1.7 | 1.7 | 215.0 | 6.8 | 4.3 | 5.3 | 307.5 | 325.8 | 6.4 | 102.5 | 6.2 | 354. | | |
| 12.7 | 42.8 | 3764.8 | 650.0 | 0.0 | 0.0 | 216.2 | 5.2 | 3.4 | 4.7 | 309.0 | 326.1 | 5.9 | 102.4 | 6.5 | 356. | | |
| 13.7 | 45.7 | 4090.6 | 625.0 | -2.1 | -2.1 | 222.4 | 4.0 | 1.9 | 3.6 | 310.1 | 325.5 | 5.3 | 101.5 | 6.7 | 358. | | |
| 14.9 | 48.7 | 4404.2 | 600.0 | -4.4 | -4.6 | 228.5 | 3.2 | 1.4 | 2.5 | 311.0 | 324.4 | 4.5 | 98.4 | 6.9 | 358. | | |
| 16.1 | 51.6 | 4732.8 | 575.0 | -6.4 | -6.4 | 224.3 | 2.4 | 1.7 | 1.7 | 312.5 | 324.2 | 4.1 | 100.4 | 7.1 | 350. | | |
| 17.5 | 54.9 | 5095.0 | 550.0 | -8.2 | -16.2 | 221.5 | 1.2 | 0.4 | 1.1 | 312.7 | 315.6 | 2.0 | 54.2 | 7.2 | 360. | | |
| 18.7 | 57.9 | 5444.0 | 525.0 | -10.2 | -17.9 | 176.5 | 1.6 | -0.1 | 1.0 | 315.5 | 321.1 | 1.8 | 55.2 | 7.3 | 360. | | |
| 20.2 | 61.1 | 5818.3 | 500.0 | -12.4 | -18.8 | 225.5 | 2.0 | 1.7 | 1.6 | 317.9 | 322.5 | 1.7 | 58.6 | 7.4 | 1. | | |
| 21.6 | 64.4 | 6202.3 | 475.0 | -15.4 | -21.9 | 233.2 | 2.3 | 2.1 | 1.0 | 319.0 | 323.5 | 1.4 | 57.2 | 7.5 | 2. | | |
| 23.0 | 67.9 | 6614.8 | 450.0 | -18.0 | -27.1 | 259.8 | 2.1 | 2.1 | 0.0 | 320.6 | 323.7 | 0.9 | 44.2 | 7.5 | 3. | | |
| 24.5 | 71.2 | 7039.9 | 425.0 | -20.7 | -34.3 | 356.1 | 4.3 | 3.5 | -2.5 | 322.4 | 324.1 | 0.5 | 28.2 | 7.5 | 5. | | |
| 26.1 | 74.0 | 7444.4 | 400.0 | -24.5 | -35.2 | 337.2 | 5.8 | 4.6 | -3.5 | 322.8 | 324.4 | 0.5 | 37.1 | 7.1 | 8. | | |
| 27.9 | 76.7 | 7951.5 | 375.0 | -27.2 | -47.6 | 284.9 | 7.7 | 7.4 | -2.0 | 324.8 | 325.3 | 0.1 | 13.0 | 7.0 | 13. | | |
| 29.5 | 82.8 | 8443.4 | 350.0 | -31.0 | -55.8 | 282.4 | 12.7 | 12.4 | -2.7 | 326.9 | 327.0 | 0.0 | 1.0 | 7.1 | 21. | | |
| 31.1 | 86.4 | 8965.1 | 325.0 | -34.6 | -72.2 | 279.8 | 16.6 | 16.4 | -3.8 | 329.0 | 325.0 | 0.0 | 0.0 | 7.5 | 33. | | |
| 32.9 | 90.8 | 9515.1 | 300.0 | -38.7 | -60.4 | 281.1 | 21.3 | 20.9 | -4.1 | 330.9 | 321.0 | 0.0 | 0.2 | 8.4 | 45. | | |
| 34.9 | 95.2 | 10111.1 | 275.0 | -43.1 | 59.9 | 278.4 | 24.9 | 24.6 | -3.6 | 332.9 | 325.9 | 99.9 | 999.5 | 10.2 | 52. | | |
| 37.1 | 100.9 | 10745.5 | 250.0 | -48.7 | 59.9 | 274.8 | 25.9 | 25.8 | -2.1 | 333.7 | 327.0 | 95.9 | 999.5 | 13.0 | 67. | | |
| 39.5 | 105.0 | 11429.1 | 225.0 | -54.6 | 59.9 | 275.4 | 27.2 | 25.8 | -2.4 | 334.5 | 327.0 | 95.9 | 999.5 | 16.6 | 74. | | |
| 42.2 | 110.4 | 12177.7 | 200.0 | -58.7 | 59.9 | 278.1 | 30.7 | 30.4 | -1.4 | 339.2 | 329.2 | 95.9 | 999.5 | 20.7 | 79. | | |
| 45.1 | 116.3 | 13004.9 | 175.0 | -63.7 | 59.9 | 271.4 | 27.7 | 27.7 | -0.7 | 344.2 | 329.9 | 95.9 | 999.5 | 25.8 | 82. | | |
| 48.0 | 122.7 | 13954.6 | 150.0 | -62.2 | 59.9 | 265.6 | 24.4 | 23.5 | -0.6 | 362.8 | 322.3 | 95.9 | 999.5 | 34.3 | 87. | | |
| 51.4 | 129.7 | 15084.6 | 125.0 | -62.2 | 59.9 | 95.9 | 95.9 | 99.9 | 99.9 | 99.9 | 95.9 | 95.9 | 999.5 | 999.9 | 999. | | |
| 54.9 | 59.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 95.9 | 95.9 | 999.5 | 999.9 | 999. | | |
| 58.9 | 55.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 95.9 | 95.9 | 999.5 | 999.9 | 999. | | |
| 62.9 | 55.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 95.9 | 95.9 | 999.5 | 999.9 | 999. | | |
| 66.9 | 55.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 95.9 | 95.9 | 999.5 | 999.9 | 999. | | |
| 70.9 | 55.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 95.9 | 95.9 | 999.5 | 999.9 | 999. | | |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 13
 MONROE, LOUISIANA

 20 APRIL 1979
 505 GMT

133 103. 0

| TIME MIN | CNCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPS M/SEC | U COMP M/SEC | V COMP M/SEC | ECT Y DG K | E PCT Y CG K | WX PTO GPM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|--------------|-----------------|-----------------|---------------|-----------------|------------------|-----------|-------------|----------|
| 0.0 | 5.4 | 27.0 | 1015.1 | 20.6 | 19.2 | 120.0 | 1.0 | -0.5 | 0.5 | 292.2 | 325.4 | 10.8 | 71.6 | 0.2 | 0. |
| 0.4 | 6.6 | 157.1 | 1000.0 | 21.4 | 16.7 | 158.3 | 0.6 | -3.2 | 0.0 | 294.6 | 322.4 | 10.6 | 65.6 | 0.2 | 323. |
| 1.2 | 5.1 | 377.0 | 975.0 | 21.6 | 12.2 | 163.4 | 5.5 | -3.0 | 9.4 | 257.0 | 321.5 | 9.2 | 54.5 | 0.7 | 335. |
| 1.9 | 11.5 | 652.1 | 950.0 | 20.4 | 9.1 | 163.4 | 9.3 | -2.7 | 8.9 | 297.9 | 310.6 | 7.7 | 48.3 | 1.1 | 327. |
| 2.7 | 13.9 | 931.7 | 925.0 | 18.5 | 10.8 | 167.7 | 7.3 | -1.6 | 7.1 | 298.3 | 322.2 | 8.9 | 61.6 | 1.5 | 336. |
| 3.5 | 16.4 | 1056.1 | 900.0 | 16.4 | 7.8 | 173.1 | 6.8 | -1.2 | 6.7 | 298.4 | 312.7 | 7.5 | 58.5 | 1.8 | 341. |
| 4.3 | 18.9 | 1305.5 | 875.0 | 15.6 | 1.2 | 165.6 | 8.1 | -1.5 | 0.0 | 303.0 | 312.5 | 4.8 | 37.1 | 2.2 | 343. |
| 5.1 | 21.5 | 1550.4 | 850.0 | 14.4 | -4.4 | 162.7 | 15.0 | -3.0 | 9.6 | 201.2 | 310.6 | 2.3 | 27.6 | 2.7 | 343. |
| 5.9 | 24.1 | 1851.8 | 825.0 | 12.4 | -3.1 | 159.3 | 9.3 | -2.3 | 0.7 | 201.7 | 312.3 | 2.7 | 33.8 | 3.2 | 343. |
| 6.7 | 26.5 | 2059.2 | 800.0 | 10.6 | 2.1 | 163.2 | 9.9 | -2.9 | 9.4 | 202.4 | 312.2 | 5.6 | 79.5 | 3.7 | 342. |
| 7.7 | 29.7 | 2323.2 | 775.0 | 9.7 | 5.4 | 173.5 | 8.4 | -1.0 | 8.3 | 203.2 | 323.5 | 7.3 | 79.5 | 4.1 | 343. |
| 8.6 | 32.0 | 2594.1 | 750.0 | 6.4 | 5.6 | 174.4 | 6.6 | -0.4 | 6.6 | 203.8 | 325.0 | 7.7 | 93.2 | 4.5 | 344. |
| 9.5 | 34.7 | 2872.4 | 725.0 | 4.5 | 4.6 | 159.4 | 4.9 | -1.8 | 4.6 | 204.8 | 325.4 | 7.4 | 98.6 | 4.8 | 345. |
| 10.5 | 37.4 | 3156.3 | 700.0 | 3.6 | 2.2 | 152.4 | 4.4 | -2.6 | 3.5 | 204.5 | 324.2 | 6.4 | 90.2 | 5.1 | 344. |
| 11.5 | 40.3 | 3453.8 | 675.0 | 1.6 | 0.0 | 149.4 | 4.1 | -2.1 | 3.6 | 207.7 | 324.0 | 5.7 | 87.6 | 5.3 | 343. |
| 12.4 | 43.1 | 3757.6 | 650.0 | 0.0 | -2.0 | 141.5 | 4.8 | -1.5 | 4.6 | 209.0 | 322.8 | 4.6 | 80.4 | 5.5 | 343. |
| 13.3 | 46.0 | 4071.3 | 625.0 | -1.0 | -8.5 | 150.9 | 3.7 | -1.8 | 3.2 | 211.3 | 321.0 | 2.2 | 56.2 | 5.8 | 342. |
| 14.6 | 49.0 | 4396.5 | 600.0 | -2.1 | -14.4 | 155.0 | 2.3 | -1.9 | 1.2 | 213.6 | 320.2 | 2.1 | 38.4 | 5.9 | 342. |
| 15.5 | 52.0 | 4731.2 | 575.0 | -4.6 | -14.0 | 153.4 | 3.1 | -1.4 | 2.6 | 214.6 | 321.6 | 2.2 | 47.5 | 6.1 | 341. |
| 16.7 | 55.1 | 5081.6 | 550.0 | -7.0 | -18.1 | 148.8 | 4.4 | 0.7 | 4.4 | 215.8 | 321.1 | 1.7 | 40.5 | 6.4 | 342. |
| 17.9 | 58.4 | 5444.0 | 525.0 | -8.2 | -20.3 | 142.2 | 4.1 | 0.9 | 4.0 | 216.5 | 322.3 | 1.5 | 37.1 | 6.6 | 342. |
| 19.1 | 61.6 | 5820.8 | 500.0 | -11.0 | -26.1 | 135.6 | 1.7 | 1.4 | -1.0 | 219.7 | 322.7 | 0.9 | 27.2 | 6.8 | 342. |
| 20.4 | 64.9 | 6213.5 | 475.0 | -13.4 | -24.5 | 132.3 | 4.2 | 0.6 | -3.1 | 221.4 | 325.1 | 1.1 | 38.2 | 6.9 | 344. |
| 21.7 | 68.3 | 6622.6 | 450.0 | -16.0 | -20.5 | 131.0 | 5.0 | 3.1 | -3.9 | 223.1 | 328.6 | 1.7 | 68.2 | 6.2 | 343. |
| 23.1 | 71.8 | 7051.6 | 425.0 | -18.6 | -20.8 | 123.3 | 5.3 | 5.1 | 1.5 | 225.1 | 330.7 | 1.7 | 82.4 | 6.0 | 346. |
| 24.5 | 75.3 | 7530.5 | 400.0 | -22.5 | -23.7 | 129.3 | 5.0 | 6.9 | 4.1 | 225.8 | 330.5 | 1.4 | 87.2 | 6.3 | 351. |
| 26.1 | 79.0 | 7971.9 | 375.0 | -25.7 | -28.8 | 120.0 | 5.4 | 8.8 | 3.2 | 227.6 | 336.9 | 0.9 | 74.7 | 6.5 | 358. |
| 27.8 | 83.0 | 8458.2 | 350.0 | -29.8 | -33.8 | 123.9 | 9.7 | 9.4 | 2.7 | 228.6 | 330.6 | 0.6 | 60.5 | 6.9 | 6. |
| 29.5 | 87.0 | 8992.4 | 325.0 | -33.5 | -39.0 | 121.0 | 10.9 | 10.8 | 1.7 | 230.0 | 331.5 | 0.4 | 59.4 | 7.2 | 14. |
| 31.3 | 91.2 | 9567.5 | 300.0 | -38.2 | 99.9 | 200.7 | 14.6 | 14.4 | 2.4 | 230.8 | 999.9 | 95.5 | 999.9 | 7.8 | 23. |
| 33.3 | 95.7 | 10132.4 | 275.0 | -44.0 | 99.9 | 206.7 | 19.2 | 18.7 | 4.4 | 231.4 | 555.5 | 95.9 | 559.5 | 9.1 | 34. |
| 35.4 | 100.4 | 10720.5 | 250.0 | -49.3 | 99.9 | 237.2 | 22.5 | 22.0 | 5.0 | 232.8 | 559.9 | 95.9 | 999.9 | 11.2 | 43. |
| 37.5 | 105.2 | 11452.2 | 225.0 | -55.3 | 99.9 | 256.0 | 26.6 | 25.8 | 6.4 | 233.6 | 559.9 | 99.9 | 599.5 | 13.8 | 50. |
| 39.7 | 110.8 | 12193.4 | 200.0 | -61.2 | 99.9 | 252.4 | 32.3 | 30.6 | 9.8 | 235.8 | 959.9 | 55.9 | 999.5 | 17.2 | 59. |
| 42.1 | 115.4 | 13014.6 | 175.0 | -63.2 | 99.9 | 246.5 | 35.1 | 20.1 | 1.6 | 245.7 | 959.9 | 95.9 | 999.5 | 22.2 | 55. |
| 44.7 | 123.0 | 13960.8 | 150.0 | -63.5 | 99.9 | 278.3 | 24.7 | 24.5 | -3.6 | 260.7 | 959.9 | 55.9 | 999.5 | 25.4 | 65. |
| 47.6 | 130.0 | 15044.5 | 125.0 | -64.5 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 278.2 | 959.9 | 95.9 | 999.5 | 24.5 | 70. |
| 49.9 | 55.0 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 959.9 | 95.9 | 999.5 | 999.5 | 999. |
| 52.9 | 55.0 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 959.9 | 95.9 | 999.5 | 999.5 | 999. |
| 55.9 | 55.0 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 959.9 | 95.9 | 999.5 | 999.5 | 999. |
| 59.9 | 55.0 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 959.9 | 95.9 | 999.5 | 999.5 | 999. |

 * BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 15
 MORTON, TEXAS

 20 APRIL 1979
 1100 GMT

| TIME P/M | CHTCY | HEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | CLD DG | SPEED M/SEC | U (COMP) M/SEC | V (COMP) M/SEC | ECT Y DEG K | E POT Y DEG K | MA RTD GPM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|---------------|-----------------|-----------|----------------|-------------------|-------------------|----------------|------------------|------------------|-----------|-------------|----------|
| 00 | 17.7 | 1142.0 | 882.2 | 11.4 | 5.3 | 200.0 | 2.1 | 2.0 | -0.7 | 294.9 | 312.1 | 4.3 | 66.8 | 0.0 | 0. |
| 05 | 55.9 | 99.9 | 1800.0 | 99.9 | 99.9 | 99.9 | 55.9 | 19.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.5 | 999.5 |
| 10 | 55.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 55.9 | 19.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.5 | 999.5 |
| 15 | 55.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 55.9 | 19.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.5 | 999.5 |
| 20 | 55.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 55.9 | 19.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.5 | 999.5 |
| 25 | 55.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 55.9 | 19.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.5 | 999.5 |
| 30 | 16.4 | 1213.7 | 875.0 | 13.3 | -4.7 | 329.1 | 11.2 | 6.3 | -10.5 | 257.6 | 266.8 | 2.1 | 28.4 | 0.4 | 168. |
| 35 | 1.1 | 1460.6 | 850.0 | 18.1 | -2.8 | 331.8 | 11.4 | 9.4 | -10.0 | 205.1 | 315.6 | 2.7 | 24.0 | 0.0 | 154. |
| 40 | 23.3 | 1715.4 | 825.0 | 17.1 | -3.6 | 346.9 | 8.7 | 2.0 | -8.5 | 206.7 | 317.1 | 2.5 | 24.0 | 1.4 | 155. |
| 45 | 28.7 | 2244.9 | 775.0 | 13.2 | -6.5 | 387.1 | 8.2 | 0.8 | -8.5 | 207.8 | 317.6 | 2.3 | 23.7 | 1.8 | 160. |
| 50 | 30.5 | 2515.0 | 740.0 | 10.4 | -6.8 | 336.4 | 6.6 | 2.6 | -6.0 | 207.9 | 317.0 | 2.1 | 24.8 | 2.2 | 163. |
| 55 | 22.4 | 2800.0 | 725.0 | 9.1 | -5.5 | 329.3 | 5.7 | 2.9 | -4.9 | 208.3 | 316.7 | 2.5 | 29.8 | 2.7 | 182. |
| 60 | 36.1 | 3089.2 | 700.0 | 5.5 | -5.9 | 301.4 | 5.5 | 4.7 | -2.9 | 208.6 | 316.9 | 2.5 | 37.6 | 3.1 | 162. |
| 65 | 38.9 | 3384.0 | 675.0 | 5.0 | -6.9 | 289.2 | 5.0 | 4.7 | -1.7 | 208.6 | 316.7 | 3.4 | 49.1 | 3.3 | 159. |
| 70 | 41.6 | 3682.1 | 650.0 | 0.0 | -8.7 | 257.5 | 4.0 | 3.9 | 0.8 | 208.0 | 316.2 | 3.1 | 51.1 | 3.6 | 155. |
| 75 | 44.4 | 4001.1 | 625.0 | -2.6 | -10.0 | 228.8 | 4.4 | 3.3 | 2.9 | 209.4 | 316.0 | 2.9 | 56.6 | 3.7 | 152. |
| 80 | 47.2 | 4322.8 | 600.0 | -6.2 | -10.8 | 214.9 | 5.6 | 3.2 | 4.6 | 205.0 | 317.4 | 2.8 | 69.8 | 3.6 | 143. |
| 85 | 50.2 | 4654.2 | 575.0 | -10.7 | -13.6 | 223.3 | 6.1 | 4.2 | 4.5 | 205.2 | 316.2 | 2.3 | 70.6 | 3.5 | 137. |
| 90 | 53.1 | 4996.9 | 550.0 | -10.7 | -36.1 | 234.5 | 13.9 | 11.3 | 8.1 | 211.4 | 312.5 | 6.3 | 10.2 | 3.7 | 127. |
| 95 | 56.3 | 5353.9 | 525.0 | -12.4 | -34.4 | 239.1 | 15.1 | 13.0 | 7.8 | 213.5 | 314.9 | 6.4 | 13.6 | 4.2 | 109. |
| 100 | 59.4 | 5724.1 | 500.0 | -14.5 | -35.4 | 249.7 | 15.3 | 14.4 | 5.3 | 215.3 | 316.9 | 6.4 | 18.2 | 5.2 | 100. |
| 105 | 62.6 | 6111.2 | 475.0 | -17.9 | -35.7 | 249.3 | 14.9 | 13.9 | 5.2 | 215.5 | 317.2 | 6.4 | 19.2 | 6.4 | 94. |
| 110 | 65.9 | 6513.1 | 450.0 | -20.5 | -38.2 | 242.9 | 11.2 | 13.2 | 6.7 | 217.4 | 318.9 | 6.2 | 18.1 | 7.6 | 89. |
| 115 | 69.0 | 6938.2 | 425.0 | -23.1 | -43.0 | 242.8 | 14.5 | 13.3 | 6.8 | 219.4 | 320.1 | 6.2 | 14.1 | 8.6 | 85. |
| 120 | 72.9 | 7375.6 | 400.0 | -26.1 | -45.4 | 242.8 | 14.0 | 12.5 | 6.4 | 221.0 | 321.8 | 6.2 | 15.4 | 10.1 | 82. |
| 125 | 76.6 | 7930.1 | 375.0 | -30.1 | -49.0 | 241.2 | 14.2 | 12.3 | 7.6 | 221.9 | 322.3 | 6.1 | 18.2 | 11.4 | 80. |
| 130 | 80.4 | 8325.8 | 350.0 | -34.7 | -50.2 | 237.7 | 14.2 | 12.3 | 7.4 | 223.2 | 323.5 | 6.1 | 19.6 | 12.6 | 78. |
| 135 | 84.3 | 8833.8 | 325.0 | -38.6 | -52.3 | 229.0 | 14.3 | 12.3 | 7.5 | 224.3 | 324.9 | 6.1 | 19.6 | 15.6 | 74. |
| 140 | 88.5 | 9382.5 | 300.0 | -43.4 | -54.9 | 238.0 | 14.2 | 12.0 | 8.9 | 226.2 | 326.9 | 5.9 | 19.6 | 17.2 | 72. |
| 145 | 92.6 | 9963.5 | 275.0 | -47.6 | -59.9 | 233.2 | 14.9 | 11.9 | 9.3 | 227.7 | 328.9 | 5.9 | 19.6 | 19.1 | 70. |
| 150 | 97.4 | 10545.7 | 250.0 | -52.7 | -64.9 | 226.5 | 16.9 | 14.1 | 11.1 | 229.2 | 330.9 | 5.9 | 19.6 | 21.6 | 69. |
| 155 | 102.5 | 11250.7 | 225.0 | -57.7 | -69.9 | 223.8 | 16.9 | 15.2 | 13.7 | 230.7 | 332.9 | 5.9 | 19.6 | 24.3 | 67. |
| 160 | 107.8 | 11995.2 | 200.0 | -62.7 | -74.9 | 229.3 | 21.1 | 16.0 | 14.0 | 232.6 | 334.9 | 5.9 | 19.6 | 27.6 | 64. |
| 165 | 112.9 | 12727.6 | 175.0 | -67.8 | -79.9 | 226.9 | 21.3 | 16.0 | 10.8 | 234.2 | 336.9 | 5.9 | 19.6 | 31.4 | 63. |
| 170 | 117.9 | 13496.0 | 150.0 | -72.8 | -84.9 | 224.9 | 20.4 | 17.3 | 9.9 | 235.7 | 338.9 | 5.9 | 19.6 | 35.2 | 63. |
| 175 | 122.9 | 14290.7 | 125.0 | -77.8 | -89.9 | 222.9 | 19.9 | 18.9 | 9.9 | 237.2 | 340.9 | 5.9 | 19.6 | 39.0 | 63. |
| 180 | 127.3 | 14990.7 | 100.0 | -82.8 | -94.9 | 220.9 | 19.9 | 19.9 | 9.9 | 238.7 | 342.9 | 5.9 | 19.6 | 42.8 | 63. |
| 185 | 131.7 | 15690.7 | 75.0 | -87.8 | -99.9 | 218.9 | 19.9 | 20.9 | 9.9 | 240.2 | 344.9 | 5.9 | 19.6 | 46.6 | 63. |
| 190 | 136.1 | 16390.7 | 50.0 | -92.8 | -104.9 | 216.9 | 19.9 | 21.9 | 9.9 | 241.7 | 346.9 | 5.9 | 19.6 | 50.4 | 63. |
| 195 | 140.5 | 17090.7 | 25.0 | -97.8 | -109.9 | 214.9 | 19.9 | 22.9 | 9.9 | 243.2 | 348.9 | 5.9 | 19.6 | 54.2 | 63. |
| 200 | 144.9 | 17790.7 | 0.0 | -102.8 | -114.9 | 212.9 | 19.9 | 23.9 | 9.9 | 244.7 | 350.9 | 5.9 | 19.6 | 58.0 | 63. |

 0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 19
OXPED. MISSILE

20 APRIL 1979
005 GMT

| TIME MIN | CATY | WEIGHT GPM | PRES MB | TEMP O. C | DIR O. C | SPED M/SEC | U COMP M/SEC | V COMP M/SEC | ECT Y CG M | E SCT Y DE K | MX' MTO G/MS | RM PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|--------------|-------------|---------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|-----------|
| 0.0 | 0.1 | 125.0 | 1004.0 | 17.4 | 1.0 | 55.0 | 59.9 | 99.9 | 250.2 | 315.5 | 5.0 | 78.0 | 0.0 | 0.0 |
| 0.1 | 0.3 | 150.0 | 1000.0 | 18.5 | 12.0 | 55.0 | 59.9 | 99.9 | 291.6 | 316.9 | 6.0 | 67.4 | 999.5 | 555.0 |
| 0.2 | 0.7 | 178.2 | 975.0 | 21.7 | 1.0 | 55.0 | 59.9 | 99.9 | 267.1 | 315.7 | 6.0 | 48.7 | 0.2 | 13.0 |
| 1.0 | 11.0 | 603.0 | 920.0 | 41.4 | 3.3 | 26.0 | 1.1 | 2.3 | 298.9 | 318.2 | 1.3 | 43.0 | 0.4 | 17.0 |
| 2.0 | 12.4 | 832.0 | 925.0 | 19.5 | 6.3 | 150.5 | 0.5 | 0.5 | 299.2 | 320.2 | 7.7 | 49.5 | 0.6 | 19.0 |
| 3.0 | 15.0 | 1069.0 | 900.0 | 17.7 | 7.4 | 168.4 | 0.4 | 3.9 | 299.7 | 315.5 | 7.2 | 51.1 | 0.7 | 15.0 |
| 4.0 | 18.0 | 1305.0 | 875.0 | 15.4 | 7.1 | 168.1 | 1.4 | 0.8 | 255.0 | 318.0 | 7.3 | 57.6 | 1.0 | 13.0 |
| 5.0 | 20.7 | 1556.1 | 850.0 | 13.3 | 5.7 | 200.0 | 1.6 | 4.5 | 200.0 | 316.7 | 6.8 | 60.8 | 1.3 | 15.0 |
| 6.0 | 22.2 | 1804.6 | 825.0 | 11.4 | 0.5 | 265.9 | 2.2 | 4.8 | 250.6 | 314.2 | 4.8 | 47.3 | 1.6 | 16.0 |
| 7.0 | 23.7 | 2061.0 | 800.0 | 9.5 | -0.3 | 265.0 | 2.0 | 4.8 | 301.3 | 314.6 | 4.7 | 50.4 | 1.9 | 18.0 |
| 8.0 | 25.3 | 2323.4 | 775.0 | 7.1 | -1.3 | 212.5 | 3.1 | 4.9 | 201.4 | 314.0 | 4.4 | 54.5 | 2.2 | 20.0 |
| 9.0 | 26.9 | 2592.3 | 750.0 | 5.1 | -3.2 | 159.6 | 1.8 | 5.2 | 202.1 | 313.6 | 4.0 | 55.2 | 2.5 | 21.0 |
| 10.0 | 28.5 | 2865.0 | 725.0 | 3.1 | 1.3 | 211.4 | 2.6 | 5.2 | 202.0 | 312.5 | 2.8 | 62.0 | 2.8 | 21.0 |
| 11.0 | 30.1 | 3134.2 | 700.0 | 3.0 | -0.3 | 259.2 | 3.2 | 0.6 | 203.0 | 312.2 | 2.4 | 79.2 | 3.1 | 23.0 |
| 12.0 | 31.9 | 3403.6 | 675.0 | 1.6 | -0.9 | 320.4 | 1.0 | 1.0 | 207.5 | 315.0 | 2.9 | 61.7 | 3.1 | 25.0 |
| 13.0 | 33.7 | 3752.1 | 650.0 | -0.2 | -7.4 | 26.0 | -0.2 | -2.8 | 208.7 | 318.7 | 2.4 | 59.2 | 2.0 | 26.0 |
| 14.0 | 35.5 | 4065.3 | 625.0 | -1.8 | -10.2 | 355.1 | 0.3 | -4.7 | 210.3 | 316.0 | 2.8 | 53.1 | 2.2 | 29.0 |
| 15.0 | 37.3 | 4385.1 | 600.0 | -3.5 | -15.5 | 4.7 | -0.1 | -4.7 | 212.0 | 318.0 | 1.5 | 38.5 | 2.5 | 32.0 |
| 16.0 | 39.1 | 4724.4 | 575.0 | -5.3 | -20.4 | 9.9 | -0.7 | -4.3 | 213.6 | 312.0 | 1.3 | 29.5 | 2.7 | 36.0 |
| 17.0 | 40.9 | 5071.0 | 550.0 | -7.0 | -26.6 | 3.8 | -0.6 | -3.7 | 215.1 | 317.7 | 0.8 | 20.4 | 2.0 | 39.0 |
| 18.0 | 42.7 | 5422.2 | 525.0 | -8.6 | -39.2 | 249.7 | 1.1 | -5.8 | 216.9 | 317.2 | 0.2 | 6.2 | 1.7 | 42.0 |
| 19.0 | 44.5 | 5767.3 | 500.0 | -10.7 | -40.7 | 341.2 | 2.2 | -7.0 | 218.5 | 315.2 | 0.2 | 7.2 | 1.5 | 48.0 |
| 20.0 | 46.3 | 6107.6 | 475.0 | -12.6 | -42.6 | 340.0 | 3.2 | -7.0 | 219.6 | 316.2 | 0.1 | 6.4 | 1.9 | 107.0 |
| 21.0 | 48.1 | 6455.2 | 450.0 | -14.6 | -45.4 | 325.3 | 3.6 | -6.6 | 221.8 | 323.4 | 0.1 | 6.2 | 2.5 | 118.0 |
| 22.0 | 49.9 | 6811.0 | 425.0 | -16.6 | -47.6 | 325.9 | 4.6 | -6.7 | 222.0 | 323.9 | 0.1 | 6.2 | 2.5 | 124.0 |
| 23.0 | 51.7 | 7166.9 | 400.0 | -18.6 | -49.6 | 326.6 | 5.6 | -6.4 | 223.0 | 324.3 | 0.1 | 6.2 | 4.0 | 132.0 |
| 24.0 | 53.5 | 7545.9 | 375.0 | -20.6 | -51.9 | 326.3 | 6.6 | -12.0 | 226.0 | 327.3 | 0.1 | 8.5 | 4.0 | 136.0 |
| 25.0 | 55.3 | 7945.3 | 350.0 | -22.6 | -53.2 | 326.3 | 7.6 | -14.1 | 228.0 | 329.0 | 0.1 | 9.4 | 6.2 | 138.0 |
| 26.0 | 57.1 | 8341.3 | 325.0 | -24.6 | -55.4 | 326.3 | 8.6 | -14.1 | 231.3 | 331.6 | 0.1 | 10.5 | 6.4 | 179.0 |
| 27.0 | 58.9 | 8746.9 | 300.0 | -26.6 | -57.6 | 326.3 | 9.6 | -14.1 | 232.2 | 331.6 | 0.1 | 10.5 | 11.3 | 135.0 |
| 28.0 | 60.7 | 9152.2 | 275.0 | -28.6 | -59.9 | 326.3 | 10.6 | -17.3 | 232.2 | 331.6 | 0.1 | 10.5 | 14.2 | 137.0 |
| 29.0 | 62.5 | 9557.6 | 250.0 | -30.6 | -62.1 | 326.3 | 11.6 | -17.3 | 234.4 | 331.6 | 0.1 | 10.5 | 17.6 | 135.0 |
| 30.0 | 64.3 | 9962.9 | 225.0 | -32.6 | -64.3 | 326.3 | 12.6 | -16.3 | 237.0 | 331.6 | 0.1 | 10.5 | 22.3 | 132.0 |
| 31.0 | 66.1 | 10368.2 | 200.0 | -34.6 | -66.5 | 326.3 | 13.6 | -16.3 | 237.0 | 331.6 | 0.1 | 10.5 | 25.3 | 129.0 |
| 32.0 | 67.9 | 10773.5 | 175.0 | -36.6 | -68.7 | 326.3 | 14.6 | -16.3 | 237.0 | 331.6 | 0.1 | 10.5 | 28.3 | 126.0 |
| 33.0 | 69.7 | 11178.8 | 150.0 | -38.6 | -70.9 | 326.3 | 15.6 | -16.3 | 237.0 | 331.6 | 0.1 | 10.5 | 31.3 | 123.0 |
| 34.0 | 71.5 | 11584.1 | 125.0 | -40.6 | -73.1 | 326.3 | 16.6 | -16.3 | 237.0 | 331.6 | 0.1 | 10.5 | 34.3 | 120.0 |
| 35.0 | 73.3 | 11989.4 | 100.0 | -42.6 | -75.3 | 326.3 | 17.6 | -16.3 | 237.0 | 331.6 | 0.1 | 10.5 | 37.3 | 117.0 |
| 36.0 | 75.1 | 12394.7 | 75.0 | -44.6 | -77.5 | 326.3 | 18.6 | -16.3 | 237.0 | 331.6 | 0.1 | 10.5 | 40.3 | 114.0 |
| 37.0 | 76.9 | 12799.9 | 50.0 | -46.6 | -79.7 | 326.3 | 19.6 | -16.3 | 237.0 | 331.6 | 0.1 | 10.5 | 43.3 | 111.0 |
| 38.0 | 78.7 | 13205.2 | 25.0 | -48.6 | -81.9 | 326.3 | 20.6 | -16.3 | 237.0 | 331.6 | 0.1 | 10.5 | 46.3 | 108.0 |
| 39.0 | 80.5 | 13610.5 | 0.0 | -50.6 | -84.1 | 326.3 | 21.6 | -16.3 | 237.0 | 331.6 | 0.1 | 10.5 | 49.3 | 105.0 |
| 40.0 | 82.3 | 14015.8 | | -52.6 | -86.3 | 326.3 | 22.6 | -16.3 | 237.0 | 331.6 | 0.1 | 10.5 | 52.3 | 102.0 |
| 41.0 | 84.1 | 14421.1 | | -54.6 | -88.5 | 326.3 | 23.6 | -16.3 | 237.0 | 331.6 | 0.1 | 10.5 | 55.3 | 99.0 |
| 42.0 | 85.9 | 14826.4 | | -56.6 | -90.7 | 326.3 | 24.6 | -16.3 | 237.0 | 331.6 | 0.1 | 10.5 | 58.3 | 96.0 |
| 43.0 | 87.7 | 15231.7 | | -58.6 | -92.9 | 326.3 | 25.6 | -16.3 | 237.0 | 331.6 | 0.1 | 10.5 | 61.3 | 93.0 |
| 44.0 | 89.5 | 15637.0 | | -60.6 | -95.1 | 326.3 | 26.6 | -16.3 | 237.0 | 331.6 | 0.1 | 10.5 | 64.3 | 90.0 |
| 45.0 | 91.3 | 16042.3 | | -62.6 | -97.3 | 326.3 | 27.6 | -16.3 | 237.0 | 331.6 | 0.1 | 10.5 | 67.3 | 87.0 |
| 46.0 | 93.1 | 16447.6 | | -64.6 | -99.5 | 326.3 | 28.6 | -16.3 | 237.0 | 331.6 | 0.1 | 10.5 | 70.3 | 84.0 |
| 47.0 | 94.9 | 16852.9 | | -66.6 | -101.7 | 326.3 | 29.6 | -16.3 | 237.0 | 331.6 | 0.1 | 10.5 | 73.3 | 81.0 |
| 48.0 | 96.7 | 17258.2 | | -68.6 | -103.9 | 326.3 | 30.6 | -16.3 | 237.0 | 331.6 | 0.1 | 10.5 | 76.3 | 78.0 |
| 49.0 | 98.5 | 17663.5 | | -70.6 | -106.1 | 326.3 | 31.6 | -16.3 | 237.0 | 331.6 | 0.1 | 10.5 | 79.3 | 75.0 |
| 50.0 | 100.3 | 18068.8 | | -72.6 | -108.3 | 326.3 | 32.6 | -16.3 | 237.0 | 331.6 | 0.1 | 10.5 | 82.3 | 72.0 |
| 51.0 | 102.1 | 18474.1 | | -74.6 | -110.5 | 326.3 | 33.6 | -16.3 | 237.0 | 331.6 | 0.1 | 10.5 | 85.3 | 69.0 |
| 52.0 | 103.9 | 18879.4 | | -76.6 | -112.7 | 326.3 | 34.6 | -16.3 | 237.0 | 331.6 | 0.1 | 10.5 | 88.3 | 66.0 |
| 53.0 | 105.7 | 19284.7 | | -78.6 | -114.9 | 326.3 | 35.6 | -16.3 | 237.0 | 331.6 | 0.1 | 10.5 | 91.3 | 63.0 |
| 54.0 | 107.5 | 19689.9 | | -80.6 | -117.1 | 326.3 | 36.6 | -16.3 | 237.0 | 331.6 | 0.1 | 10.5 | 94.3 | 60.0 |
| 55.0 | 109.3 | 20095.2 | | -82.6 | -119.3 | 326.3 | 37.6 | -16.3 | 237.0 | 331.6 | 0.1 | 10.5 | 97.3 | 57.0 |
| 56.0 | 111.1 | 20500.5 | | -84.6 | -121.5 | 326.3 | 38.6 | -16.3 | 237.0 | 331.6 | 0.1 | 10.5 | 100.3 | 54.0 |
| 57.0 | 112.9 | 20905.8 | | -86.6 | -123.7 | 326.3 | 39.6 | -16.3 | 237.0 | 331.6 | 0.1 | 10.5 | 103.3 | 51.0 |
| 58.0 | 114.7 | 21311.1 | | -88.6 | -125.9 | 326.3 | 40.6 | -16.3 | 237.0 | 331.6 | 0.1 | 10.5 | 106.3 | 48.0 |
| 59.0 | 116.5 | 21716.4 | | -90.6 | -128.1 | 326.3 | 41.6 | -16.3 | 237.0 | 331.6 | 0.1 | 10.5 | 109.3 | 45.0 |
| 60.0 | 118.3 | 22121.7 | | -92.6 | -130.3 | 326.3 | 42.6 | -16.3 | 237.0 | 331.6 | 0.1 | 10.5 | 112.3 | 42.0 |

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
0 BY TEMP MEANS TEMPERATURE CR TYPE HAVE BEEN INTERPOLATED
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 263
AMARILLO, TEXAS

19 APRIL 1979
2000 GMT

| TIME MIN | CNCTY | HEIGHT GDM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | PCT T DG K | E PCT T DG K | WX RTO CM/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| | | | | | | | | | | | | | | | |
| 0.0 | 16.2 | 1030.0 | 823.0 | 17.8 | 15.6 | 110.0 | 6.2 | -5.9 | 2.1 | 201.0 | 225.0 | 12.7 | 87.0 | 0.0 | 0. |
| 5.9 | 55.9 | 99.9 | 1020.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 10.9 | 59.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 15.9 | 60.9 | 99.9 | 930.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 20.9 | 55.9 | 99.9 | 923.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 25.9 | 59.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 30.9 | 17.4 | 1221.0 | 873.0 | 10.2 | 13.7 | 124.2 | 7.9 | -5.7 | 2.5 | 202.7 | 237.6 | 13.0 | 85.1 | 0.3 | 303. |
| 35.9 | 15.6 | 1460.5 | 850.0 | 10.4 | 13.9 | 147.1 | 8.6 | -4.7 | 7.3 | 223.4 | 277.4 | 12.6 | 90.2 | 0.6 | 314. |
| 40.9 | 21.9 | 1724.0 | 823.0 | 13.1 | 12.9 | 160.5 | 8.9 | -3.0 | 8.4 | 224.6 | 322.0 | 12.3 | 92.7 | 1.1 | 323. |
| 45.9 | 24.3 | 1984.8 | 800.0 | 13.3 | 12.3 | 168.2 | 8.8 | -1.8 | 0.6 | 225.0 | 335.5 | 11.1 | 94.0 | 1.6 | 330. |
| 50.9 | 26.6 | 2251.7 | 775.0 | 11.0 | 10.1 | 176.3 | 8.2 | -0.5 | 0.2 | 225.7 | 333.6 | 10.1 | 94.1 | 2.0 | 334. |
| 55.9 | 20.0 | 2525.2 | 750.0 | 8.6 | 7.7 | 182.7 | 7.2 | 0.3 | 7.2 | 225.9 | 330.5 | 8.8 | 93.5 | 2.3 | 339. |
| 60.9 | 31.5 | 2925.1 | 725.0 | 7.2 | 5.4 | 198.2 | 6.2 | 2.6 | 3.3 | 227.3 | 325.9 | 6.4 | 95.2 | 2.7 | 342. |
| 65.9 | 24.7 | 3094.4 | 700.0 | 5.1 | 4.2 | 222.4 | 5.7 | 6.5 | 7.2 | 228.1 | 329.2 | 7.4 | 94.4 | 3.0 | 349. |
| 70.9 | 26.5 | 3391.0 | 675.0 | 2.9 | 1.9 | 225.0 | 11.1 | 6.0 | 7.7 | 225.0 | 327.7 | 6.5 | 92.5 | 3.3 | 356. |
| 75.9 | 25.1 | 3695.2 | 650.0 | 0.6 | -0.7 | 223.4 | 13.4 | 9.6 | 9.4 | 227.7 | 326.0 | 5.6 | 91.2 | 3.7 | 36. |
| 80.9 | 41.7 | 4010.2 | 625.0 | -2.0 | -3.6 | 223.0 | 15.6 | 10.9 | 11.2 | 220.2 | 323.0 | 4.4 | 82.2 | 4.4 | 11. |
| 85.9 | 44.3 | 4334.0 | 600.0 | -3.9 | -9.1 | 225.2 | 17.2 | 12.2 | 12.1 | 211.7 | 321.3 | 3.2 | 75.6 | 5.1 | 16. |
| 90.9 | 47.0 | 4649.9 | 575.0 | -6.0 | -11.4 | 225.2 | 17.7 | 12.6 | 12.5 | 213.0 | 321.5 | 2.8 | 65.5 | 6.0 | 21. |
| 95.9 | 45.8 | 5015.6 | 550.0 | -8.8 | -13.3 | 221.5 | 20.2 | 13.4 | 15.1 | 213.7 | 321.4 | 2.5 | 69.4 | 6.9 | 24. |
| 100.9 | 42.7 | 5174.5 | 525.0 | -11.4 | -15.4 | 222.2 | 20.3 | 13.9 | 15.3 | 214.7 | 321.6 | 2.2 | 72.5 | 7.7 | 26. |
| 105.9 | 59.6 | 5746.9 | 500.0 | -14.3 | -18.4 | 224.5 | 20.3 | 14.2 | 14.4 | 215.6 | 322.1 | 2.1 | 82.6 | 8.8 | 28. |
| 110.9 | 61.6 | 6134.4 | 475.0 | -16.5 | -20.4 | 227.0 | 19.5 | 14.3 | 13.3 | 217.6 | 317.7 | 0.0 | 1.0 | 10.7 | 31. |
| 115.9 | 64.9 | 6539.2 | 450.0 | -18.8 | -22.9 | 229.4 | 16.2 | 16.2 | 0.2 | 219.6 | 319.6 | 99.9 | 99.9 | 12.8 | 34. |
| 120.9 | 64.9 | 6544.6 | 425.0 | -35.1 | -39.9 | 220.0 | 5.1 | -7.9 | 4.6 | 222.6 | 322.6 | 99.9 | 99.9 | 23.2 | 44. |
| 125.9 | 62.1 | 7344.2 | 400.0 | -37.7 | -41.9 | 218.3 | 16.9 | 11.7 | 14.8 | 226.0 | 326.0 | 99.9 | 99.9 | 23.6 | 44. |
| 130.9 | 71.4 | 7607.9 | 375.0 | -39.3 | -43.9 | 212.9 | 26.1 | 14.2 | 22.0 | 207.6 | 320.6 | 99.9 | 99.9 | 24.8 | 44. |
| 135.9 | 72.0 | 8278.8 | 350.0 | -40.8 | -45.9 | 208.9 | 26.9 | 13.0 | 23.6 | 214.0 | 325.6 | 99.9 | 99.9 | 25.9 | 43. |
| 140.9 | 74.7 | 8781.8 | 325.0 | -42.5 | -47.9 | 205.6 | 25.8 | 11.2 | 23.3 | 218.1 | 328.1 | 99.9 | 99.9 | 27.2 | 42. |
| 145.9 | 82.4 | 9319.9 | 300.0 | -44.9 | -49.9 | 208.3 | 25.9 | 13.7 | 23.4 | 222.0 | 329.9 | 99.9 | 99.9 | 29.0 | 41. |
| 150.9 | 84.4 | 9808.6 | 275.0 | -47.3 | -52.9 | 207.8 | 28.1 | 13.1 | 24.8 | 226.7 | 329.9 | 99.9 | 99.9 | 30.8 | 41. |
| 155.9 | 80.6 | 10325.3 | 250.0 | -50.2 | -55.9 | 200.6 | 27.1 | 9.6 | 25.9 | 231.5 | 329.9 | 99.9 | 99.9 | 32.7 | 40. |
| 160.9 | 55.2 | 11204.9 | 225.0 | -56.0 | -60.9 | 198.9 | 29.0 | 9.4 | 27.5 | 322.7 | 329.9 | 99.9 | 99.9 | 36.1 | 38. |
| 165.9 | 59.8 | 11944.4 | 200.0 | -60.6 | -65.9 | 209.3 | 31.6 | 15.5 | 27.6 | 326.8 | 329.9 | 99.9 | 99.9 | 41.3 | 36. |
| 170.9 | 105.0 | 12733.9 | 175.0 | -66.6 | -71.9 | 233.7 | 23.5 | 19.0 | 13.9 | 320.1 | 329.9 | 99.9 | 99.9 | 44.8 | 36. |
| 175.9 | 110.8 | 13727.4 | 150.0 | -67.2 | -72.9 | 242.2 | 24.2 | 21.4 | 11.3 | 321.6 | 329.9 | 99.9 | 99.9 | 49.2 | 38. |
| 180.9 | 117.0 | 14876.0 | 125.0 | -69.3 | -74.9 | 256.8 | 21.6 | 4.9 | 207.7 | 329.9 | 329.9 | 99.9 | 99.9 | 52.5 | 41. |
| 185.9 | 124.0 | 16258.1 | 100.0 | -65.4 | -69.9 | 271.5 | 15.2 | 15.2 | -0.4 | 401.4 | 329.9 | 99.9 | 99.9 | 56.4 | 44. |
| 190.9 | 132.3 | 18018.1 | 75.0 | -63.8 | -68.9 | 268.4 | 10.7 | 10.7 | 0.3 | 439.1 | 329.9 | 99.9 | 99.9 | 59.1 | 46. |
| 195.9 | 142.5 | 20528.6 | 50.0 | -60.9 | -65.9 | 328.9 | 6.6 | 3.4 | -3.6 | 500.1 | 329.9 | 99.9 | 99.9 | 60.2 | 48. |
| 200.9 | 155.5 | 24983.5 | 25.0 | -49.3 | -49.9 | 999.9 | 99.9 | 99.9 | 99.9 | 643.1 | 999.9 | 99.9 | 99.9 | 60.8 | 51. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOL
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 253
 OMAHA, NEBRASKA

 20 APRIL 1979
 500 GMT

| TIME MIN | CATCY | HEIGHT GPM | PRES WB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | FCT Y DG K | E PCT Y DG K | MX RTO GP/KG | RM PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 9.3 | 420.0 | 964.4 | 18.4 | 14.1 | 200.0 | 3.1 | 1.1 | 2.9 | 254.6 | 222.3 | 10.6 | 76.0 | 0.0 | 0. |
| 59.9 | 55.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 59.9 | 59.9 | 59.9 | 59.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 11.9 | 55.9 | 99.9 | 975.0 | 99.9 | 99.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 12.5 | 10.6 | 579.5 | 950.0 | 18.4 | 14.3 | 599.9 | 59.9 | 59.9 | 59.9 | 295.8 | 324.4 | 10.9 | 77.0 | 999.9 | 999.9 |
| 1.3 | 12.6 | 757.8 | 925.0 | 16.1 | 13.1 | 599.9 | 59.9 | 59.9 | 59.9 | 295.7 | 322.0 | 10.3 | 82.0 | 999.9 | 999.9 |
| 2.0 | 14.7 | 990.7 | 900.0 | 14.0 | 13.4 | 599.9 | 59.9 | 59.9 | 59.9 | 295.7 | 322.0 | 10.9 | 82.0 | 999.9 | 999.9 |
| 2.5 | 14.8 | 1230.0 | 875.0 | 15.0 | 14.0 | 200.9 | 15.2 | 5.4 | 14.2 | 299.3 | 320.3 | 11.6 | 54.0 | 1.4 | 4. |
| 3.1 | 18.9 | 1475.9 | 850.0 | 14.0 | 13.1 | 200.9 | 17.3 | 7.6 | 15.5 | 300.9 | 331.1 | 11.3 | 94.0 | 1.9 | 13. |
| 3.5 | 21.2 | 1728.2 | 825.0 | 12.9 | 12.0 | 204.9 | 17.7 | 6.3 | 17.8 | 302.2 | 331.4 | 10.8 | 94.1 | 2.4 | 16. |
| 4.0 | 23.5 | 1987.0 | 800.0 | 11.9 | 10.6 | 203.5 | 21.0 | 0.4 | 19.3 | 303.4 | 331.0 | 10.1 | 94.2 | 2.9 | 17. |
| 4.6 | 25.7 | 2252.7 | 775.0 | 10.2 | 9.3 | 203.2 | 22.2 | 8.7 | 20.5 | 304.6 | 331.3 | 5.6 | 94.3 | 3.5 | 18. |
| 4.9 | 24.1 | 2525.3 | 750.0 | 8.4 | 7.5 | 201.0 | 23.0 | 8.3 | 21.5 | 305.7 | 330.0 | 8.8 | 94.3 | 4.2 | 19. |
| 5.4 | 20.5 | 2805.7 | 725.0 | 6.2 | 6.0 | 199.0 | 22.1 | 7.2 | 20.9 | 306.9 | 325.8 | 2.1 | 94.6 | 4.6 | 19. |
| 5.8 | 32.9 | 3074.0 | 700.0 | 5.6 | 4.9 | 198.1 | 22.1 | 6.8 | 21.0 | 308.7 | 330.8 | 7.8 | 94.7 | 5.3 | 19. |
| 6.2 | 35.4 | 3390.4 | 675.0 | 2.7 | 1.8 | 194.3 | 22.3 | 6.2 | 21.4 | 308.7 | 327.3 | 6.5 | 93.7 | 5.5 | 19. |
| 6.6 | 38.9 | 3675.7 | 650.0 | 1.3 | 0.6 | 193.7 | 21.4 | 5.1 | 20.8 | 310.5 | 328.2 | 6.2 | 94.7 | 6.4 | 19. |
| 7.1 | 40.7 | 4011.2 | 625.0 | -0.3 | -1.0 | 191.3 | 20.6 | 4.0 | 20.2 | 312.1 | 328.6 | 5.7 | 94.7 | 7.1 | 18. |
| 7.4 | 43.4 | 4338.2 | 600.0 | -0.3 | -1.0 | 190.6 | 21.7 | 4.0 | 21.3 | 315.8 | 322.5 | 6.0 | 95.2 | 7.4 | 18. |
| 7.7 | 46.2 | 4579.8 | 575.0 | -0.1 | -0.8 | 190.0 | 22.7 | 3.9 | 22.4 | 319.9 | 328.0 | 6.3 | 95.2 | 7.8 | 17. |
| 8.0 | 49.1 | 5036.7 | 550.0 | -0.1 | -0.9 | 189.2 | 23.8 | 3.8 | 23.5 | 323.9 | 342.9 | 6.6 | 94.8 | 8.2 | 17. |
| 8.3 | 52.1 | 5409.6 | 525.0 | -1.3 | -2.3 | 188.5 | 24.7 | 3.6 | 24.4 | 326.6 | 345.5 | 6.2 | 93.4 | 8.7 | 17. |
| 8.6 | 55.1 | 5797.3 | 500.0 | -4.7 | -5.7 | 188.2 | 25.2 | 3.6 | 25.0 | 327.4 | 343.0 | 5.0 | 92.1 | 9.1 | 16. |
| 9.1 | 58.4 | 6194.4 | 475.0 | -10.3 | -11.8 | 189.6 | 24.9 | 4.1 | 24.5 | 325.3 | 325.7 | 2.3 | 88.7 | 9.6 | 15. |
| 9.6 | 61.8 | 6613.5 | 450.0 | -12.5 | -14.7 | 195.0 | 23.6 | 6.1 | 22.8 | 327.0 | 335.8 | 2.7 | 86.5 | 10.6 | 15. |
| 10.4 | 65.3 | 7047.1 | 425.0 | -17.2 | -19.6 | 202.4 | 21.3 | 8.1 | 19.7 | 326.9 | 333.2 | 1.9 | 81.6 | 11.7 | 16. |
| 11.4 | 69.9 | 7496.2 | 400.0 | -23.2 | -26.2 | 202.5 | 15.7 | 6.0 | 14.5 | 324.8 | 328.6 | 1.1 | 76.2 | 12.7 | 16. |
| 12.0 | 72.6 | 7945.4 | 375.0 | -27.0 | -30.4 | 200.7 | 10.6 | 3.7 | 9.9 | 325.9 | 328.7 | 0.6 | 72.2 | 13.2 | 16. |
| 12.9 | 76.5 | 8458.8 | 350.0 | -31.1 | -34.9 | 198.1 | 5.8 | 2.7 | 8.4 | 326.8 | 328.8 | 0.6 | 68.5 | 13.7 | 17. |
| 14.3 | 80.7 | 8979.0 | 325.0 | -35.8 | -40.0 | 191.8 | 5.4 | 1.9 | 9.2 | 327.4 | 328.7 | 0.4 | 64.5 | 14.5 | 16. |
| 15.6 | 85.0 | 9529.9 | 300.0 | -40.5 | -45.9 | 200.5 | 6.8 | 5.7 | 6.7 | 328.3 | 329.9 | 99.9 | 599.5 | 15.1 | 17. |
| 16.6 | 89.6 | 10117.4 | 275.0 | -46.9 | -51.2 | 201.7 | 13.6 | 10.6 | 8.4 | 329.8 | 329.8 | 99.9 | 599.5 | 15.6 | 18. |
| 17.8 | 94.6 | 10745.7 | 250.0 | -51.2 | -56.5 | 208.1 | 16.3 | 13.5 | 9.1 | 329.8 | 329.8 | 99.9 | 599.5 | 16.4 | 20. |
| 18.9 | 99.8 | 11423.4 | 225.0 | -55.6 | -60.9 | 208.4 | 21.4 | 18.3 | 11.2 | 333.3 | 355.9 | 99.9 | 599.5 | 17.5 | 23. |
| 20.0 | 105.4 | 12162.1 | 200.0 | -62.9 | -67.2 | 207.4 | 21.4 | 20.2 | 6.0 | 333.8 | 355.9 | 99.9 | 599.5 | 18.6 | 26. |
| 21.7 | 111.4 | 12971.2 | 175.0 | -70.6 | -75.9 | 209.9 | 59.9 | 99.9 | 99.9 | 333.5 | 355.9 | 99.9 | 599.5 | 19.5 | 31. |
| 24.0 | 118.7 | 13622.9 | 150.0 | -59.1 | -64.9 | 209.9 | 99.9 | 99.9 | 99.9 | 368.4 | 395.5 | 99.9 | 599.5 | 999.9 | 999.9 |
| 29.9 | 59.9 | 99.9 | 125.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.5 | 999.5 | 999.5 |
| 39.9 | 59.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.5 | 999.5 | 999.5 |
| 49.9 | 59.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.5 | 999.5 | 999.5 |
| 59.9 | 59.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.5 | 999.5 | 999.5 |
| 69.9 | 59.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.5 | 999.5 | 999.5 |

 * BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

APPROVAL

AVE-SESAME II: 25-MB SOUNDING DATA

by Steven F. Williams, Myron L. Gerhard,
and Robert E. Turner

The information in this report has been reviewed for technical content. Review of any information concerning Department of Defense or nuclear energy activities or programs has been made by the MSFC Security Classification Officer. This report, in its entirety, has been determined to be unclassified.



for WILLIAM W. VAUGHAN

Chief, Atmospheric Sciences Division



CHARLES A. LUNDQUIST

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